









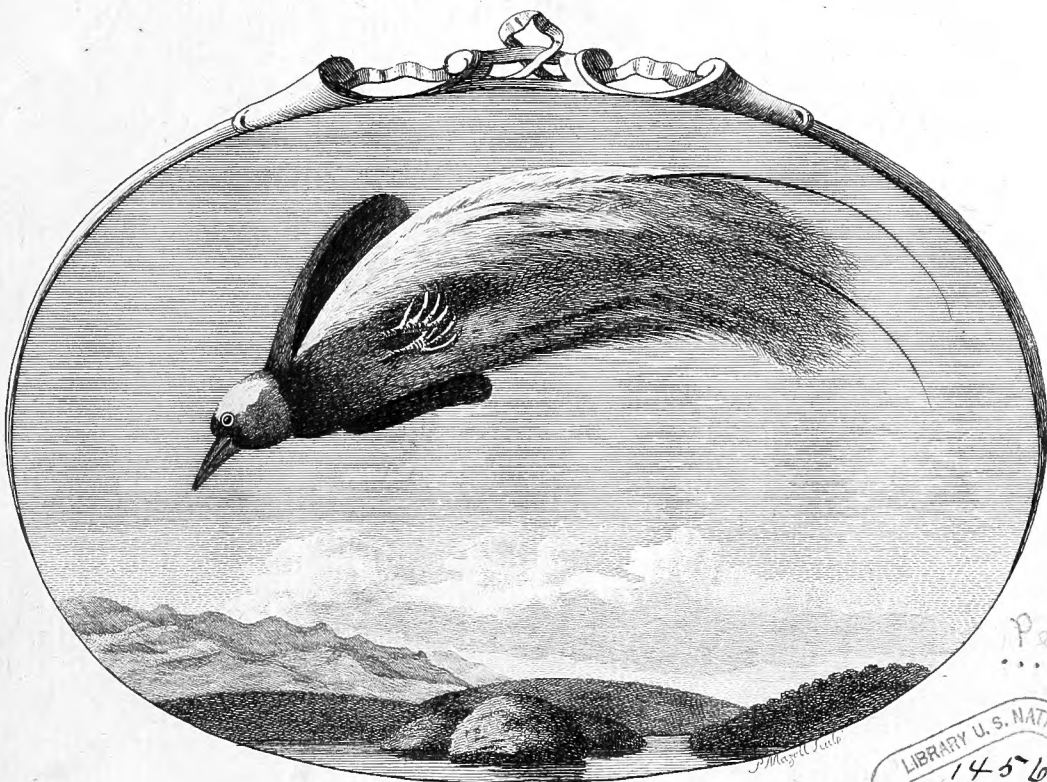




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# INDIAN ZOOLOGY.

SECOND EDITION.



Pennant, J.  
...

LONDON.

Printed by HENRY HUGHS, for ROBERT FAULDER.

MDCCXC.







## ADVERTISEMENT.

**T**HIS work, or rather fragment, was begun in the year 1769. The descriptive part fell to my share: the expence of the plates was divided between Mr. BANKS, now Sir JOSEPH BANKS, *Baronet*; JOHN GIDEON LOTEN, Esq; a governor in *Ceylon*; and myself. Twelve only were engraved and published: soon after which, the undertaking appeared so arduous that the design was given over. It would be injustice to Mr. LOTEN not to say, that the etchings are taken from his fine collection of drawings made in *India*: for he alleviated the cares of life with the delicious pursuits of the study of NATURE. I prevailed on my two friends to unite with me in presenting the learned JOHN REINHOLD FORSTER with the plates. I also bestowed

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## ADVERTISEMENT.

on him three others, engraven at my own expence, before the work was dropped. These were never published in *England*; but when Dr. *Forster* left our island, he took the whole with him, and in 1781 printed, at *Halle*, in *Saxony*, an edition very highly improved, and translated into *Latin* and *German*. He prefixed to it a most elaborate lucubration *de Finibus et Indole Aëris, Soli, Marisque INDICI*; described the subjects of the three additional plates; and inserted, after the description of the fifteenth plate, a most learned dissertation on the genus of the BIRDS OF PARADISE, and on the PHOENIX. He added several notes; and at the end presented his readers with a *Faunula* of the quadrupeds and birds of the extensive region of INDIA and its islands.

The last year, Mr. *Robert Faulder*, of *New Bondstreet*, bookseller, applied to me for permission to reprint this very imperfect performance. I consented; but advised him by all means to get the additions by Dr. *Forster* translated, and an improved *Faunula* to be formed from the best authorities which

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which could be procured : but, having myself abjured all future publications, referred him for that labor to any gentlemen willing and able to do justice to the performance. I took the liberty of pointing out three friends, of indisputable abilities, and of whose kind services I had long and useful experience.

Dr. AIKIN, of *Yarmouth*, in *Norfolk*, with great cheerfulness undertook the translations : Mr. JOHN LATHAM, of *Dartford*, *Kent*, justly celebrated for extending the study of ORNITHOLOGY far beyond any naturalist of our days ; and the Rev. Mr. HUGH DAVIES, rector of *Aber*, in *Caernarvonshire*, underwent the task of arranging the very numerous subjects of the INDIAN FAUNULA. The more laborious part, relative to the Insects, fell to the share of Mr. LATHAM : the rest to that of Mr. DAVIES. A more complete enumeration was never formed, considering the extent of the country ; and the materials imported into our islands. Science has of late years found its way into our most distant possessions ; and we gather its fruits : the *Faunula*

is a sufficient proof of the richness of the harvest. Collectors at home, or in the distant *Indoſtan*, will find conſiderable benefit from this part of the work. It will direct their reſearches, or inſtruct them in the arrangement of the new acquiſitions. If my paſt labors can in any ſhape contribute in the leaſt to the amuſement of the individual, or to the public in general, the reflection cannot fail beſtowing on me the moſt pleaſing ſenſation.

THOMAS PENNANT.

*Downing, March 1, 1791.*

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AN  
E S S A Y  
ON  
I N D I A,  
ITS  
BOUNDARIES, CLIMATE, SOIL, AND SEA.

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Translated from the *Latin* of JOHN REINHOLD FORSTER,  
By JOHN AIKIN, M. D.



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**T**HE name of *India* is probably derived from *Hind*, or *Hindu*, the appellation of the people inhabiting it, which the *Spaniards* and *Portuguese*, the first navigators to *India*, were accustomed to write *Gentu*. The *Greeks*, who penetrated through *Persia* into *India*, received from the *Persians* the name of *Hind*, as that of the nation; but they also improperly called *Indus*, the river named by the inhabitants *Sind* or *Sindo*. In a later age, the *Romans* termed the country, *India*, the people, *Indians*, but the river also, *Indus*; yet they were not unacquainted with the name of *Sindi*. The *Arabians* and *Persians* again employed the names of *Sind*, and *Hind*, which occur frequently in their writings. After the *Portuguese* began to navigate for the purpose of exploring new regions, many of them suspected, that if they were to steer directly westward, they would at length arrive at the farthest islands in the vicinity of *India*; and because they conceived these islands to lie *before those Indian regions* (*ante illas*) they gave them, in the geographical charts made before the discovery of *America*, the name of *Antilles*; and that *India*, which

## AN ESSAY ON INDIA,

they supposed situated behind the *Antilles*, they named the *West Indies*, because it might be reached by sailing westward. Hence appears the reason why in our age the name of *Indies* is so widely extended.

THAT *India* whence the animals now to be described are taken, is *East India*. But even here there is much variation as to the countries to which this name is proper and peculiar. In the first place it is maintained, that *India* is only wherever the *Hindu* nation inhabits, or the country called by the *Persians*, *Hindustan*, which is comprehended between the rivers *Sind* and *Ganges*, closed to the north by the ridge of *Imaus* or *Caucasus*; and on the south surrounded by the ocean; so that the whole peninsula on this side the *Ganges*, belongs to *Hindustan*.

BUT in a more extended sense, the peninsula beyond the *Ganges* also is a part of *India*. And its limits are much more extensive, if under this second signification of *India* are reckoned all the islands of the *Indian* sea, from the east and north of *Madagascar*, as far as *New Holland*, and thence eastward to the *Philippine* islands, together with *New Guinea*; and it is principally with this meaning that the *English* and *Dutch* sailors use the word *India*, and Mr. PENNANT seems to have adopted it in his account of the animals of *India*.

FROM what has been said, it will be evident that a disquisition concerning the climate, soil, and seas of *India*, thus largely understood, will be a matter of much difficulty.

## MOUNTAINS.

MOUNT *Imaus*, arising in the very borders of *Persia*, and whose northern ridge separates *India* from *Bokara* or *Bactria*, from *Cashimire* or *Caspatorus*, from the kingdom of *Tibet*, and from the *Chinese* province of *Tunnan*, terminates at length in the kingdom  
of

DSI

of *Tonquin*, and runs out into other branches. At the root of this mountain the temperature of the air is very various; for in the winter season the country is buried in snow and frost, not, however, for a long time. Those summits alone from which the *Sind* and *Ganges* are principally fed, are covered with perpetual snow. Yet even the plain tract at the mouths of the *Ganges* is not entirely free from frost during winter, since the inhabitants collect ice artificially prepared, for cooling liquors in the heat of summer, although *Fahrenheit's* thermometer never sinks below 42. But in the summer season the inhabitants undergo the most intense heats, arising to the 114th, nay even to the 120th degree of *Fahrenheit's* thermometer; so that men are scarcely able to breathe, plunge into water up to the chin, and ascend the higher trees that they may inhale a somewhat cooler breeze; whilst they whose occupations oblige them to endure the hot air abroad, not unfrequently fall suddenly dead. The birds too are often killed by the heat, while flying, or sitting on trees, and fall to the ground.

GREAT HEATS.

THEN, as the flat country is inundated about the solstice by the swollen waters of the *Ganges*, which returning into their channel, leave many stagnant pools, the exhalations raised by the sun's heat form a body of intensely hot vapour, extremely noxious, so as to occasion putrid fevers of the highest malignity, which frequently prove fatal within three hours.

LET US now pass into the peninsula of *India* on this side the *Ganges*, and examine the nature of its climate and soil. This part of *India* is divided into two parts by the ridge of mountains called *Gatté*; and while summer reigns on one side, winter prevails on the other. This chiefly proceeds from the winds, which,  
from

from *October* to *April*, blow constantly from the north; and from *April* to *October*, from the south. For the space of some weeks before this change, there is generally scarcely any wind; but at the commencement of the change, such tempests arise as to cause great damage to mariners. On the eastern side of the peninsula, called the coast of *Coromandel*, the sky from *April* to *October* is constantly serene without a shower, but from *October* to *April* is the rainy season. On the western or *Malabar* coast, on the contrary, there is no rain from *October* to *April*, but very heavy rains fall from *May* to *September*. During the fair season, intense heat infects the whole coast; but in the rainy season, the temperature is at intervals more moderate, and at that time all the rivers swell, and their streams are partly distributed through the fields for the purpose of fertilising them, and partly are received into ponds or great receptacles, where the water is preserved with care, to be let into the fields at proper periods.

## RIVERS.

THE region of *India* beyond the *Ganges* has nearly the same climate with the peninsula on this side; but it is particularly well watered by large rivers. Of these we shall first mention the *Bakramputter* (*Burrampooter*) which flows through the whole country of *Tibet*, from the very confines of *Cashimire*, and, after it has crossed the kingdom of *Affam*, enters that of *Bengal* at *Rangamatty*, and at length, just upon the coast of the *Indian* sea, mixes its waters with those of the *Ganges*, in an equally copious stream, and thus enters the sea in a common channel. Next, the rivers *Ava*, *Pegu*, and *Tenasserim*, rising in the *Tibet* mountains, after watering the kingdoms whose names they bear, enter the bay of *Bengal* on the western side of the peninsula.

THE *Menam* and *Menam-kom*, or *Siam* and *Cambodia* rivers,  
flow

flow down from the mountains which part the province of *Yunnan* in *China*, from *India*. All the above rivers, the *Babramputter* excepted, take their course through large vallies, enclosed on each side by ridges of hills. On the approach of the sun to the tropic of *Cancer*, the snow on these mountains is dissolved, and all these vallies are overflowed, like *Egypt* by the *Nile*. When the rivers return into their channel, the moistened countries are sown chiefly with rice, which yields a very rich increase. The kingdoms of *Cochinchina*, and *Tonquin*, are bounded to the east by the sea, and to the west by a ridge of mountains separating them from the kingdoms of *Cambodia*, and *Laos*. From this ridge many rivers descend, which, after they have watered the country for a short tract, mingle with the sea.

THE soil of all *India* hitherto described is rich; and, by the cultivation of the populous nations, which from the remotest ages have inhabited these regions, and addicted themselves to agriculture, is rendered extremely fertile. And, by reason that so many nations, and such various species of animals, have for such a course of ages putrefied with the vegetables of this fruitful land, the soil, lixiviated with water and mixed with ashes, affords to *Europe* a great quantity of nitre, the principal ingredient of its gunpowder. Rice is chiefly sown in moist situations, and supplies these people, who live a *Pythagorean* life, with a food of easy preparation, and extremely cheap. There is another kind of rice, which grows even on the hills, and spares the cultivators the labor of watering.

SOIL.

THE marshes are covered with thick beds of reeds; and, near the mouths of the largest rivers, overgrown with impenetrable groves of mangles. Among the cultivated tracts, here and there dry

MARSHES.

dry spots are observed, covered with briars and thickets. The parts neglected by human culture are full of woods, which abound with the most beautiful and singular birds, especially parrots, peacocks, pigeons, and others infinitely diversified with the gayest and most varied plumage; together with herds of antelopes, tribes of monkeys, and numbers of lions and tygers. The elephant, and rhinoceros, also inhabit these forests, which scarcely ever lose their leaves, but are always verdant, and perpetually loaded with fruits of one kind or another.

## ISLANDS.

NATURE wears a different form in the islands of the *Indian* sea. But, that we may the better understand the nature of the climate, and the temperature of the atmosphere, it will be of particular use to consider the course of the winds which prevail in these seas.

## WINDS.

Between both tropics the wind almost constantly blows from the east; and at the equinoxes, about the line, the course of the wind is directly from east to west. For the sun in the day-time heats the air; and about noon, when it is vertical, the atmosphere glows with heat, and therefore is rarefied; at the same time, the sun, seeming rapidly to move from east to west, on account of the diurnal revolution of the earth, causes noon successively in different regions. Towards evening, when the sun is in the west, the air from both sides of the globe, as likewise from the east, rushes towards the west; and follows the sun, in order to balance the rarefaction of the heated atmosphere: this current of air is the east wind. The greater the distance from the equinoctial line in each hemisphere, the more the wind inclines to the north or south. Now, when the sun arrives at the tropic of *Cancer*, the east wind follows it; but the east-north-east and north-east extend beyond the tropic of *Cancer* into the northern hemisphere,



whilst, on the contrary, the east-south-east, and south-east scarcely reach farther than the equinoctial line. And when the sun recedes to the tropic of *Capricorn*, the east wind follows it there too; but the east-north-east, and north-east scarcely reach beyond the line, rarely to the tropic; while the east-south-east, and south-east spread far into the southern hemisphere. These observations are generally true concerning the winds within the tropics, and especially in the great *Atlantic* and *Pacific* oceans.

EVERY where within the tropics, on approaching within three or four leagues of land, a breeze is met with blowing from sea to land, from nine in the morning to sun-set; and from land to sea, from about ten at night to sun-rise. These observations also hold in general with respect to the winds in the vicinity of lands within the tropics.

IN the *Indian* sea, from *October* to *April*, the east-north-east, and north-north-east winds prevail as far as the line. But during the same season, from the line southwards to about the 14th degree, the west, west-south-west, and south-west are the prevailing winds; and beyond this space, the east-south-east, and south-east. From *April* to *October*, in the northern hemisphere, the west, west-south-west, and south-west winds reign: to the south of the equinoctial, as far as about the 12th degree, the east, and east-south-east; and beyond that point, the east-south-east, and south-east. These prevailing winds are by sailors termed the *Monsoons*; and from them some inferences may be drawn as to the temperature of the air. The winds which blow across great tracts of land heated by the sun's rays, acquire a great degree of heat; and the greater space they pass over, the more scorching they prove. But wherever winds blow over the sea, they are cooled

by the evaporation of the water: hence all shores and islands, though situated under the hottest sun, enjoy the benefit of temperate sea breezes.

ORIGIN OF THE  
ISLANDS.

IF we mean to consider the nature of the soil in the *Indian* islands, we must attend to their two-fold form and origin. Some are lofty, and if of moderate size, they have generally a conical shape. On examination of the mountain and strata in this case, it will presently be obvious that the whole island has emerged from the bottom of the sea through the force of subterranean fire; for all parts are full of volcanic remains. Actually burning mountains are likewise not uncommon in these islands. All the high islands which I have surveyed between the tropics, in the *Atlantic* and *Pacific* oceans, were found to contain *scoriæ*, eructated ashes, and liquefied matter, the manifest vestiges of intestine fires. And that the same takes place with regard to the islands of the *Indian* sea, is rendered probable by so many volcanoes yet to be seen among them, by the testimony of various navigators and eye-witnesses, and by the stones, evidently resembling *scoriæ* and melted rock, brought from thence. It is wonderful that ashes thrown up from volcanoes, and other scoriaceous matters comminuted and mixed with the earth, should constitute a soil inferior to none in fertility; but it is certain that most plants thrive most luxuriantly in this soil, and that trees of all kinds grow in it to a stupendous magnitude.

THERE are within the tropics other islands, low, and little elevated above the surface of the sea. All of this kind are the workmanship of zoophyte *vermes*, which raise on all sides from the bottom of the sea their mansions of a calcareous matter, whence at length are formed rocks and stony shallows very dangerous

gerous to navigators. Since for the most part easterly winds are frequent in these seas, these animalcules, as if actuated by instinct, endeavour to exclude the waves driven by the winds, by means of their stupendous works; and therefore, carrying on the artful structure of their calcareous or stony habitations, they extend them in long arms, which at last unite in a circle, within which they include a portion of calm untroubled sea. On the opposite or windward side, the waves continually throw up fragments of corals, which, accumulating by degrees, form a mound against the force of the billows, and on that part the sea is rendered gradually shallower; whilst on the other side, immediately under the arms raised by the zoophytes, the sea is of astonishing depth; and not unfrequently a part of the work remains open, for the ingress and egress of the tide. In the coral banks themselves, sand is collected by the waves, which afford soil and aliment for the seeds of shore plants brought thither by the sea; and these plants at length perishing, gradually create and accumulate a vegetable mould. If by chance a cocoa-nut be carried by the sea to these spots, it germinates, and grows into a tall tree, bearing and diffusing many nuts, some of which again germinating, soon form a palm-grove, affording shade to birds, and other animals, and supplying navigators, driven to the place by stress of weather, with a grateful food and liquor. The bay included within the arms constructed by the zoophytes is a receptacle for fishes which require a calm unagitated sea, and thus another food from the animal kingdom is presented to strangers. The shallows, too, afford quiet and desirable situations to *mollusca*, and shell-fish of all kinds, and contribute much towards supplying the inhabitants of the islands with a variety of food.

USEFUL TREES,  
&c.

THE greater islands of the *Indian* sea, *Ceylon*, *Borneo*, *Java*, *Sumatra*, *Celebes*, *Luçonia*, *Mindanao*, *Ceram*, *Gilolo*, *Waighen*, and the isle of *Papua* or *New Guinea*, are all mountainous, and full of burning or extinguished volcanoes. They are covered with ever-green woods and reed-grounds, luxuriant in various tropical fruits, productive of all kinds of spices, and of many drugs valuable in medicine and the arts, especially *Camphor*, *Benzoin*, *Gamboge*, *Sanders*, the *Anomums*, *Costus*, *Zedoary*, *Galangal*, the *Peppers*, *Snakeroot*, *Dragons-blood*, and many others which need not here be enumerated. These islands, enriched with so many and great advantages, are everywhere inhabited by various animals; their woods and thickets are thronged with innumerable birds; their seas abound in fishes of all kinds, the greatest part of which have never been examined by naturalists; and what vast treasures of shell-fish their shores, marine rocks, and the bottom of their seas contain, may be gathered from hence, that for at least a century that these seas have been frequented by *Europeans*, they have continually been offering somewhat new to the curiosity of men whose avarice or vanity has prompted them to collect such stores from all parts. Nor are these regions destitute of inhabitants, differing from each other in colour, shape, manners, dress, religion, and language. For some tribes in the interior recesses of the woods and mountains preserve their antient savage state, treat all strangers as enemies, and devour the slain; others, adopting gentler manners, and formed to commerce, and even to submission, become daily more civilized.

Thus much, concerning the limits, climate, soil, and seas of *India*, I thought necessary to prefix, in order to render what follows more perspicuous.

ON THE  
BIRDS OF PARADISE,  
AND THE  
P H Œ N I X.

THE *Birds of Paradise* are a genus of birds scarcely as yet sufficiently known to the ornithologists, because few of them are imported into *Europe*, and those, too, mutilated in their feet, wings, and other parts, or distorted by having a stick thrust within their skins, and thus too much lengthened. No real naturalist ever had the fortune to see a live *Bird of Paradise*, or to have observed their manners and economy\*; for they inhabit a region visited by very few *Europeans*, since scarcely any but sailors and merchants are permitted to penetrate into the remotest east, the country of the *Paradise-birds*. The history of this genus is therefore still full of falsities, or rather buried in such darkness, that we can scarcely hope to gain more and truer information concerning them, till some person, by a journey into these parts, is

\* Sir JOSEPH BANKS did me the favor of communicating the drawing of the common *Bird of Paradise*, brought alive to *England*, drawn from the life. T. P.

enabled,

## AN ESSAY ON INDIA,

enabled, by his own observations and experiments, to give the public some accounts more ample and exact than we hitherto possess.

It is most certain that these birds were never known to the antients; and whatever the *Egyptian* priests delivered concerning their *Phœnix*, has little agreement with the *Bird of Paradise*. But, that there may not be the least doubt remaining on these points, we shall collect what has been said by the antients concerning the *Phœnix*, and, after the passages are brought in view, briefly examine them. *Herodotus*, the father of history, relates (l. ii. 73.) that the *Phœnix* is a bird of the shape and size of an eagle, decorated with gold-coloured and purple wings; but he frankly confesses that he had never seen the bird, but knew it only by its picture. *Pliny* (l. x. c. 2.) confirms that the *Phœnix* is of the size of an eagle, with the splendour of gold around his neck; the rest of the body purple; having a blue tail spotted with rose-colored feathers; combs adorning his face, and a crest of feathers, his head. This was the antient opinion concerning the form and colours of the *Phœnix*; but the same *Pliny* relates from *Manilius*, that the conversion of the great year corresponds with the life of this bird, from which period the same course of seasons, and position of the heavenly bodies, is renewed; and that this takes place about noon on the day that the sun enters *Taurus*. *Horapollo* delivers the same notion respecting the *Phœnix*. “They (the *Egyptian* priests) meaning to signify the conversion of the great year, paint the *Phœnix*.” These notions are then to be explained from the theology of *Egypt*.

THE *Sun*, which produces the seasons, is the *Egyptian* OSIRIS, a deity whose name has the same signification; for *Oeisch-iri* in the

*Egyptian* tongue, is the *maker of seasons*. But almost all the male gods, especially, of the *Egyptians*, expressed the virtues and powers of the Sun. Hence, the vernal sun, when it is peculiarly vigorous, and operates with most power, according to the discipline of the *Egyptian* priests, was *Hercules*, whom they therefore called *Dsemmenuti*, the *virtue of God*, or of the Gods. The same *Hercules*, according to *Athenagoras* (*pro Christianis*, p. 18.) or, as *Damascus* has it (περί αρετων ap. *Wolff. Anecd.* iii. p. 254.) “that principle was named, *time void of old age*, and likewise *Hercules*.” Nor is it to be omitted, that in the obelisk of king *Rameesses*, the sun is called *the lord of seasons*, which in the *Egyptian* language is *Sesoeisch*, or *Sesoesis*.

THE annual revolution of the sun makes a year of twelve months; but the *Egyptian* year, long, was only 365 days; whence, every fourth year, four true solar years exceeded as many *Egyptian* years a single day, which they were not accustomed to intercalate. Hence the seasons of the year wandered through the whole *Egyptian* year; and hence of the solar years as first fixed by *Julius Cæsar* the dictator, 1460 equal 1461 vague *Egyptian* years. On this account, the *Egyptian* priests were accustomed to call four years with the day of intercalation, *the year of God*; and 1461 vague *Egyptian* years made the *great year of God*, that is, of the *Sun*. And they taught, that at this great period, the *conversion of the great year* took place, at which also the *Phœnix* regenerated—flew from *Arabia* to the city of the sun, and deposited his father's body on the altar.

It will now appear, why the *Orphics*, in hymn xi. to *Hercules* 3. address him by the title of *various-formed father of time*. And *Plutarch*, in his treatise on *Isis* and *Osiris*, asserts, “that  
the

the *Egyptians* fable *Hercules* to be placed in the sun, and to revolve with it." For, from these premises, it might justly be said, with *Nonnus of Panopolis*, l. xl. p. 683, " that *Hercules* rolls round the whole earth in the glittering orb of the sun, and carries round with him the year, the son of time." Every common year, therefore, is a year of God; and the great year, the *son of time*, which, in the *Egyptian* language, would be *Dsphenceisch*, and, on account of the harshness of the first letter, the *Greeks* would make it *φοινίξ*, *Phœnix*. This origin of the name adds strength to my opinion, since it is perfectly agreeable to the doctrine of the *Egyptians* concerning these things, and at the same time exactly expresses all the sacred fables of their priests relative to the *Phœnix*.

THAT the fabulous *Phœnix* of the *Egyptians* has nothing in common with the *Birds of Paradise*, will be sufficiently manifest from what has been said; yet it is not altogether without reason that we have here treated on the *Phœnix*; for the first *Portuguese* navigators to the *Indian* islands called the *Birds of Paradise*, *passaros da sol*, *Birds of the sun*, in the same manner as the *Egyptians* had regarded the *Phœnix* as a symbol of the annual revolution of the sun, and the conversion of the great year. The inhabitants of the isle of *Ternate* call these birds *Manu-co-Dewata*; *Birds of God*. The *French*, *English*, and *Germans* have adopted the name of *Birds of Paradise*. All these names seem to attribute somewhat of a celestial origin to the birds. The name *Manu-co-Dewata* has induced some writers of natural history to call the bird *Manucodiata* (*Edwards*, t. 110. *Marcgrav. Brasil*, 207. *Raii Synopsis Av.* 21. n. 7. *Briffon Ornithol.* ii. p. 130.) and the illustrious count de *Buffon*, by cutting off part of the name, has made from it



it his *Manucode*. *Valentyne* (vol. iii. p. 306, 313.) has treated at length of the *Birds of Paradise*. The *Portuguese* first saw them in *Gilolo*, *Papua*, and *New Guinea*. Many idle fables have been propagated concerning these birds; among which are to be reckoned, that they have no feet, are always on the wing, pass their lives in the air and feed on this element; on which account the inhabitants of these countries are accustomed to cut off their feet. But the people of the *Aru* islands have taught the *Dutch* in *Banda* better; and it is found that the feet are cut off in order that the birds may be more easily preserved dry. The *Indians*, too, pay little regard to the feet, because they use the skins of the *Birds of Paradise* only to adorn their helmets in their games and mock combats. But the *Aruans*, 70 or 80 years ago, brought these birds with their feet. *Pigafetta*, who accompanied *Ferdinand Magalbaens* in his voyage, testified from ocular demonstration, about 1525, that they were not without feet. But the length and peculiar structure of the scapular feathers, prevent them from sitting on trees in windy weather; and if they are once blown down to the ground, they are utterly unable to raise themselves again by their wings. When taken by the natives, they are immediately killed, because their food is unknown, and they defend themselves courageously with their very strong beaks.

OF the *Birds of Paradise* there are about six species\*.

1. The great *Paradise-bird* of *Aru*.
2. The lesser *Paradise-bird* of *Papua*.
3. and 4. Two black species.

\* The *Faunula* will produce many more.

D

5. The

## AN ESSAY ON INDIA,

5. The white *Paradise-bird*.
6. The unknown *Paradise-bird*.
7. The lesser *King-bird*, which is also to be reckoned among the *Paradise-birds*.

## I. PARADISÆA APODA. GREATER BIRD OF PARADISE.

*Latham Syn.* ii. 474. *Index*, i. 194.

THE greater *Paradise-bird* is generally about two feet in length. Head, small: beak, the length of the head, hard, pale-coloured. Head and nape of the neck, yellow. Space round the eyes, black. Neck, beautifully resplendent with very soft, shining, emerald-coloured feathers: those of the breast, equally soft, of a pale yellowish-grey. Large chestnut-coloured wings. Back covered with the scapulars elongated, stiff, narrow, pale brown, very much resembling the loose feathers of the ostrich. These expand while the bird flies; and therefore it is easy for him to remain in the air. On the sides of the breast and belly are bundles of feathers, much shorter than the anterior ones, stiff, gold-coloured. From the rump arise two stiff feathers of great length, naked in the shafts, terminated with radiated plumes. Several birds of these countries are furnished with such long feathers, as the *Belurus* (*Pylstaart*) of *Amboyna*, the *Alcedo Sariwak*, and a species of *Papuan* parroquet. In size it little exceeds the blackbird. Feet short, with four strong toes. The inhabitants of *Ternate* call this species *Burong Papua*, *Papua* birds; and sometimes *Manu-co-dewata*, and also *Soffu*, or *Sioffu*. The *Amboynese* call them *Manu-key-arū*, birds of the islands *Key* and *Aru*, because

because the people of these islands bring them to *Banda* and *Amboyna* for sale. The *Aruans* give them the name of *Fanaan*. In fact, these birds are not found in the island *Key*, which is about 50 miles eastward of *Banda*, but are met with in the *Aru* islands (which are 15 miles further to the east than *Key*) at the dry season of the western monsoon, and return to *New Guinea* at the commencement of the rainy season, as soon as the east wind begins to blow. They fly in flocks of about 30 or 40, led by a bird which the *Aruans* call KING, but which is altogether distinct from the lesser *Bird of Paradise*. This leader is black with red spots, and constantly flies higher than the rest, which never separate from it, but immediately when it settles, settle too; whence they frequently perish, for if the leader settles on the ground, they are not able to rise on account of the peculiar structure of their feathers. Nor can they fly with the wind, for in that case their very long loose feathers would be totally disordered: they therefore always fly against the wind, and carefully abstain from flight in a storm, which often throws them to the ground.

WHILE flying they are noisy, like starlings; but their cry rather resembles the croaking of ravens, and is particularly audible, when in windy weather the incumbrance of their feathers brings them into imminent danger of falling to the ground. In the *Aru* islands they perch on the highest trees, especially on those of the small-leaved *Waringha* with red fruit, on which they chiefly subsist (*Ficus Benjamina*? Hort. Malab. iii. f. 35. Rumph. Amboin. iii. f. 90.) They are taken by the inhabitants with bird-lime, snares, or blunt arrows. But though many fall alive into the fowlers hands, they are immediately killed, and after embowelling, and generally cutting off their feet, they are fumigated

## AN ESSAY ON INDIA,

with sulphur, and dried; in which state they are sold, for half a dollar in *Banda*, but in *Aru* they may be purchased for a large nail or piece of iron. The *Dutch* ships frequenting the sea between *New Guinea* and *Aru* (a distance of 18 or 20 miles) not unfrequently see flocks of *Paradise-birds* crossing the sea from one to the other of these places, but always against the wind. If a more tempestuous gale than usual rises during their flight, they seek the upper and calmer regions of the air, and thus continue their course. The natives fasten these birds to their helmets in place of crests, in real and mock fights; and often tie the whole or part of the skins to their swords. During the eastern monsoon their very long feathers fall; and in the western monsoon, within the space of four months, as the *Aruans* report, they are replaced by new ones.

II. PARADISEA APODA. LESSER. *Latham Syn.* ii. 474.  
*Index*, i. 194. β.

**T**HE lesser *Paradise-bird* of *Papua*. This species is about twenty inches in length. Beak, lead-colored, paler towards the apex. Eyes, small, and surrounded with black. Neck, emerald-colored. Head, and back of the neck, dusky-yellowish. Wings, small and chestnut-colored. Breast and belly, brown. Back, yellowish-grey. Long scapulars, about a foot in length, and paler than in the former species; which is in general to be observed of all the splendid colours in this species. The long bare feathers of the tail are constantly rejected by the inhabitants. In other respects, this species has every thing in common with the former.

former. These birds also follow a leader; which, however, has more of a dark purple in his wings; but this leader is distinguished from the 3d and 4th black kinds. The *Papuan* inhabitants of the island *Missowal*, (*Mixool*, *Maysol*) relate that these *Paradise-birds* never migrate, but build nests in the highest trees, where they are found by the *Alfubris*. The beak and neck are longer in the male than in the female. By the people of *Ternate*, and *Tidore*, this bird is called *Toffu* or *Burong Papuwa*, *Papua-bird*. By the *Papuans* it is named *Shag* or *Shague*. The people of *East Ceram* give it the name of *Samaleik*; but in the isle of *Serghile*, in *New Guinea*, it is called *Tshakke*. It was formerly believed that these birds were found in *Gilolo* or *Halemabera*, and the adjacent islands to the south and south-east; but it is now certain that they are peculiar to the *Papuan* isles. These extend from the southern extremity of *Gilolo*, and northern coast of *Ceram*, as far as the western part of *New Guinea*. The largest of them are *Missowal* (*Maysol*) lying to the north of *Ceram*; and *Salawatti*, or *Salawat*, situated near the country or island of *Serghile*, in *New Guinea*. This last, in the earliest *Portuguese* maps, is improperly called *Ceram*, and is separated from *New Guinea*. These *Paradise-birds* perch on the highest trees of the mountainous region, and are killed with blunt arrows by the people of *Missowal*. Others relate, that the natives medicate the water of which the birds are used to drink, with the *India-berries* (*Menispermum Cocculus* Linn.) whereby they are rendered so stupid as to be taken by the hand. These birds commonly feed on the fruit of the *Tshampeda*-tree, which they perforate with their bills, and thus extract the kernels. It is fabled by some, that when these birds become weak with age, they fly a great height towards the sun,

## AN ESSAY ON INDIA,

fun, till they fall down dead. The *Papuans*, after killing and embowelling them, dry the cavity with a hot iron, and enclose them in a joint of *bamboo*, in order the better to preserve them.

## III. and IV.

**T**HE *black Paradise-birds*. The larger variety of these is sold by the natives without wings and feet, and therefore is very difficult to be described with accuracy. The remains are generally stretched out on a stick to the length of four spans. The feathers of the head, neck, and belly are black, silky, and mixed with a radiant hue of purple and gold. Beak, blackish, an inch long. From both sides spring bunches of feathers, somewhat similar to quill-feathers, but in reality very different from them, for this species is always offered to sale with the wings cut off. The feathers in these bunches are extremely soft, with broad webs like peacocks feathers, of a fine shining green, and all reverted; whence *Valentyne* suspects that they become reverted in the *bamboo* joints in which they are enclosed by the natives. Tail, wedge-shaped. Tail feathers next the abdomen, hairy; upper ones, longer, and pointed; those immediately beneath these, above a span and a half in length, stiff, with loose doubly compound rays, black above, shining below. The birds of this variety are brought only from the part of *New Guinea* called *Serghile*. The inhabitants carry the skins dried upon sticks by smoke, and enclosed in bamboo joints, to the island *Salawat*, and exchange them for hatchets and coarse cloths. The *Papuans* call them *Shagawa*, and also, *Paradise-birds* from *Serghile*: in *Ternate* and *Tidore*, they are called *Soffu-kokotu*, *Black Paradise-birds*.

*birds.* *Sergbile* is the most northern part of *New Guinea*, running out to a sharp promontory, situated beyond or to the east of *Gilolo* and the *Papua* island, and facing the north.

BESIDES the *greater black Paradise-bird*, there is a *lesser* variety. Its feathers are equally long, but not so thick; black above, not shining. This variety is also destitute of the shining peacock feathers found in the first. It likewise wants the three long pointed tail-feathers, which are proper to the greater kind. The *Alfubris*, or inhabitants of the mountainous part of the isle of *Messowal*, shoot these birds with arrows, and sell them to the people of *Tidore*.

V. PARADISEA ALBA, *Latham Index*, i. 197.

β. WAYGHIHU. *The same*.

THE *white Paradise-bird* is the rarest of all the species, and has two varieties, one entirely white, the other black and white. The first is very rare, and in habit much resembles the *Paradise-bird* of *Papua*. The second variety has its fore-part black, and back-part white, with twelve slender crooked almost naked feathers. This kind is the rarest of all, and is procured only through the people of *Tidore*, because it is found in those *Papuan* isles only which are little frequented, particularly in *Wayghibu* (called also *Wadju*, *Wardju*, and *Waygiu*.) Some suspect that they are imported from *Sergbile*, in *New Guinea*.

## VI.

IN 1689, a new species of *black Paradise-bird* was first seen at *Amboyna*, brought from *Missowal*, about a foot in length, with a shining purplish hue. Head, middle-sized; bill, straight; back, as in the other species, adorned with purple-blue feathers, but under the wings, and on the belly, yellowish, as in the apodous species. Back of the neck, mouse-colored, greenish. In this kind it is observable, that on the scapulæ are bundles of green-edged feathers, which can be erected at pleasure, like wings. In place of a tail, it has twelve black, naked, setaceous and thready shafts, like pendulous feathers. Feet strong, with sharp claws. Head small; eyes encircled with black.

VII. PARADISEA REGIA. KING. *Latham Syn.* ii. 475.

*Index*, i. 194.

THE last species is the *King-bird*, which some reckon among the *Paradise-birds*; but, according to *Valentyne*, it is totally different from them. LINNÆUS and BUFFON, however, refer them to the *Paradise-birds*, chiefly induced by the shape of the bill, and the feathers peculiar to this genus. This bird is about seven inches in length, and somewhat exceeds a titmouse in bulk. Head, and eyes (which are furrounded with a black circle) small. Beak, straight. Crown of the head, flame-colored: nape of the neck, blood-colored: neck and breast, chestnut, with a band of bright emerald. Wings, large for the body; quill-feathers black, with rays spotted and streaked with shining red. Tail, straight, short, and brown. Intermediate tail-feathers, long, thread-



thread-shaped, black, exceeding the rest a palm in length, with a lunated feathered tip, of a shining green above, brown below. Belly, spotted: from the sides proceed bundles of broad-rayed feathers, one part of the rays, green, the other, brown. Back, blood-brown, glossy like silk. Feet, like those of a lark; three toes before, one behind.

THIS bird never associates with the other species of *Paradise-birds*, but flies about the lonely thickets, wherever it sees red berries, nor ever sits upon tall trees.

IN *Aru* it is called *Wowi Wowi*: in the *Papua* isles, *Sepclo-o*. The *Dutch* name it *Kings-bird*. It is chiefly brought from *Aru-Sepclo-o*; and especially from *Wodjir*, a well-known town of this island. The *Aruans* say they have never seen its nest; but suspect that it is a stranger from *New Guinea*, and there brings up its young, but never leaves *Aru* during the dry season of the western monsoon. It is taken in snares made of *Gummatty*, or with birdlime prepared from the *Sukkom* or bread-fruit (*Artocarpus communis* Forst. Charact.)

It is embowelled and dried, and sold in *Banda*. The *Aruans* put it in their helmets in their mock fights, and the game *Tobakalil*.

THE illustrious BUFFON, or rather his friend Gueneau de Montbeillard, describes six *Paradise-birds* in his Hist. of Birds, tom iii. edit. in 4to: and tom v. edit. in 12mo, p. 207, 238. These birds seem also to be delineated in Daubenton's splendid *Planches Enluminees*, N° 254, 496, 631, 632, 633, 634. Sonnerat likewise describes and delineates the same six birds. We shall now therefore briefly compare these six birds with what we have above described at length from *Valentyn*, vol. iii.

E

I. L'oiseau

I. *L'oiseau de Paradis*, is Valentyn's, 1. *Paradisea major Aruana*; and the *Paradisea apoda* Linn.

II. *Le Manucode*, is Valentyn's, 7. *Avis regia*; *Paradisea regia* Linn.

III. MAGNIFICENT. *Latham Syn.* ii. 477. *Index*, i. 195.

*Le Magnifique*, ou *Manucode à bouquets*; may seem in some respects referable to Valentyn's *Paradisea minor Papuana*; though I confess it much differs from it.

IV. SUPERB. *Latham Syn.* ii. 479. *Index*, i. 196.

*Le Superbe*, ou *Manucode noir*, as delineated in the *Planches Enlum.* seems to be either a young bird, or a hen, or taken at the moulting season; for Valentyn's 3. *Paradisea nigra major*, has long setaceous feathers in the tail; and the *Hist. of Birds*, as well as *Daubenton's Le Superbe*, are without them. What *Gueneau de Monbeillard* observes, however, is not to be overlooked; that the specimens in the royal *Paris* museum are ill kept, and have lost these long feathers by accident.

V. GOLD-BREASTED. *Latham Syn.* ii. 481. *Index*, i. 196.

*Le Siflet*, ou *Manucode à six filets*. I can scarcely help thinking that this is Valentyn's, 4. *Paradisea nigra minor*, which by chance or design had lost its long filaments near the ears.

VI. BLUE-GREEN. *Latham Syn.* ii. 482. *Index*, i. 197.

*Le Calybé*, seems to be an obscure species.

THE other *Paradise-birds* of *Valentyn* are not yet sufficiently ascertained. It is greatly therefore to be wished, that a naturalist should undertake a journey into *New Guinea*, and the *Papua* isles, since these regions seem full of new and unexplored natural wonders. In the meantime we hope that these observations concerning the *Birds of Paradise* will not be unacceptable to those who are desirous of an accurate knowledge of the works of Nature.



# INDIAN ZOOLOGY.







THE LONG TAILED SQUIRREL.



## I.

## SCIURUS MACROURUS.

## THE LONG-TAILED SQUIRREL.

*Sciurus Zeylanicus* pilis in dorso nigricantibus, *Raii Syn. Quad.* 215.  
*Sc. Macrourus*, *Gmelin. Lin.* i. 148.

THIS species is found in *Ceylon* and *Malabar*. In the *Cingalese* tongue it is called *Dandoelana*; and, from the noise it makes, *Roekea*.

LONG-TAILED  
SQUIRREL.

It is about three times the size of the *European* squirrel.

THE ears are tufted with black hairs: the end of the nose is pink-coloured: the cheeks, legs, and belly, are of a dull yellow: between the ears is a yellow spot: the crown of the head, and the back, are black: from each ear is a bifurcated line of the same color, pointing down the cheeks: the upper part of the feet is covered with black hairs: the lower part naked and red.

THE tail is near twice the length of the body, of a light ash-color, and extremely bushy. The part next the body quite surrounded with hairs: on the remainder the hairs are separated, and lie flat.

\*

THE

EUGENIA  
MALACC.

THE tree is the JAMBU *Rumph. Amboin. i. 121. tab. 37.* EUGENIA MALACCENSIS, *Sp. Pl. 672. Fl. Zeyl. N° 187.* It is the most excellent of the *Indian* fruits, delicious in taste, grateful in smell, pleasing to the eye, and salubrious in its effects.

Its native place is *Malacca*; and is only cultivated in *Goa* and *Amboina*, on account of its fine qualities, its roseate scent and color, and its happy faculty of allaying the rage of thirst in the burning fevers of the torrid zone.





THE BLACK & WHITE FALCON.

## II.

## FALCO MELANOLEUCOS.

## BLACK AND WHITE FALCON.

F. Melanoleucos, *Gmelin. Lin. i. 274. Latham, i. 81.*

*Index Ornith. i. 36.*

**I**NHABITS *Ceylon*: its length is sixteen inches, its weight about ten ounces.

BLACK AND  
WHITE FALCON.

THE bill is black: the irides of a reddish yellow: the orbits marked with white specks. The head, neck, back, scapulars, quill-feathers, and some of the middle coverts of the wings, are black; the rest of the coverts, those of the tail, the tail itself, the breast and belly, are of a pure white.

THIS species is called in the *Cingalese*, *Kaloe Koeroel-goya*. We are uncertain whether it is trained for the amusement of falconry, as some other kinds are, by the natives of *Ceylon*.

THE tree is the *Vidara* of *Rumphius*, ii. 17. tab. 36. the *Rhamnus jujuba*, *Sp. Pl. 282. Fl. Zeyl. N° 89*. It bears an eatable fruit, of very little flavor.

RHAMNUS  
JUJUBA.

F

III. OTUS.

## III.

## OTUS BAKKAMOENA.

## THE LITTLE HORN OWL.

*Strix indica*, Gmelin. *Lin.* i. 289. *Latham*, i. 127.

*Index Ornith.* i. 56. N<sup>o</sup> 14.

LITTLE HORN  
OWL.

THIS elegant species is found in *Ceylon*; is called there *Bakkamoena*, and is a scarce species even in that island.

IT is represented of its natural size. The irides are scarlet: the horns take their origin from the base of the bill, and point to the sides of the head: on their inner side they are dusky, on their exterior white.

THE bill is dusky, surrounded with long bristles: the circle of feathers round the eyes is of a very pale ash-color: the external circle of a yellowish brown.

THE head of a deep ash-color: the back dusky: coverts of the wings grey, marked with narrow lines of black, pointing downwards: the quill-feathers regularly barred with black and white: the breast buff-colored, marked with small sagittal black spots: the legs feathered half way down: the naked part of a reddish yellow.

GLORIOSA  
SUPERRA.

THE plant is one of the most beautiful of the *Indies*; but



THE LITTLE HORND OWL.





but at the same time its roots are the most venomous. It is found in *Ceylon* and *Malabar*, and, on account of its charming appearance, is called by *Linnaeus*, GLORIOSA SUPERBA, *Sp. Pl.* 437. By the natives it is styled *Najajala* and *Nyagbala*, possibly from its being possessed of a poison as potent as that of the serpent *Naja*, or *Cobra de Capello*, whose bite is the most fatal of any yet known.

## IV.

## TROGON FASCIATUS.

## THE FASCIATED COUROUCOU\*.

Trogon fasciatus, *Gmelin. Lin. i. 405. Latham, ii. 492. Index Ornith. i. 200.*

FASCIATED  
COUROUCOU.

THIS species is rarely found in the isle of *Ceylon*, where the *Cingalese* call it *Rantvan-kondea*. A species bearing some resemblance to it is described by *M. Brisson*, iv. 165, by the name *Le Couroucou Cendre*; but the bend on the breast, which distinguishes the *Indian* species, evinces it to differ from that of *Cayenne*.

## DESCRIPTION.

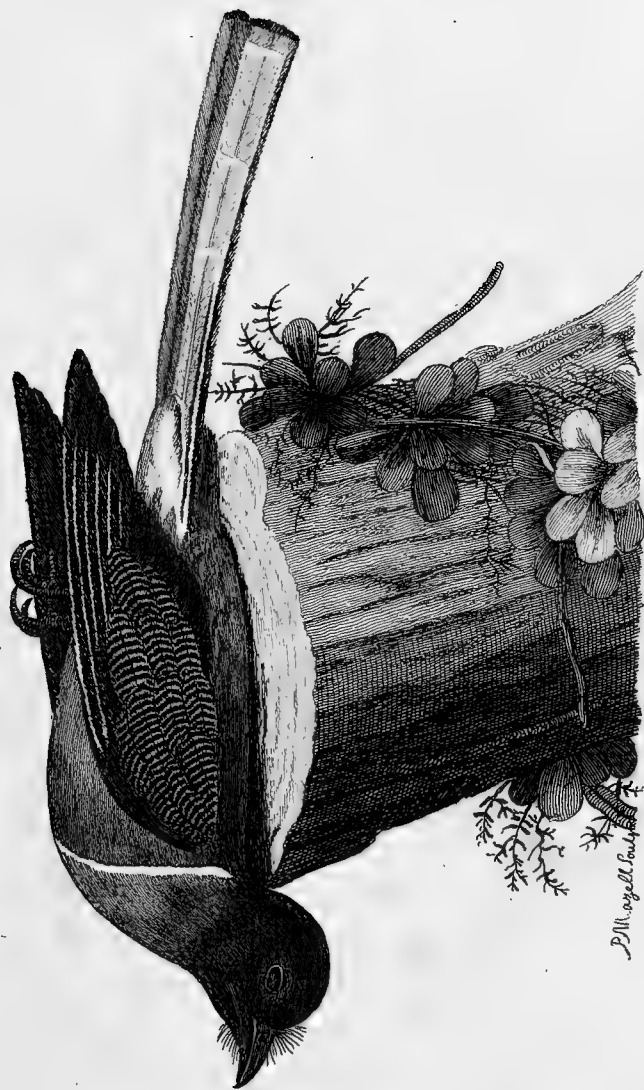
ITS length was ten inches and an half: the weight one ounce five-eighths.

THE bill black, thick, strong, and arched; the base beset with bristles: the orbits naked, and of a deep blue: the irides yellow.

THE head and neck of a very deep dusky blue, fading into a paler as it approaches the breast.

ACROSS the breast is a fascia or band of white; beneath that the whole under-side is of a bright reddish orange-color.

\* Read, on the plate, THE FASCIATED COUROUCOU.



THE FACEATED COUROUCOU.



THE back is tawny; the coverts of the tail grey; the coverts of the wings, and the scapulars, elegantly barred with narrow undulated lines of black and white; the quill-feathers dusky, striped with white on their outward webs.

THE tail is very long, tipped with black, and composed of feathers of unequal lengths; the exterior feathers being much the shortest.

THE legs and feet small and dusky: the toes disposed two backward and two forward, as in the woodpecker tribe.

THE plant is the *Nummularia lactea minima*. Rumph. NUMMULARIA.  
*Amboin. lib. ix. c. 78.*

## V.

## CUCULUS PYRRHOCEPHALUS.

## THE RED-HEADED CUCKOO.

*Cuculus Pyrrhocephalus*, Gmelin. *Lin.* i. 417. *Latham*, ii. 544.  
*Index Ornith.* i. 222.

RED-HEADED  
 CUCKOO.

THE *Cingalese* give this species the name of *Malkoba*: it inhabits the woods, and lives on fruits.

ITS length is sixteen inches: its weight four ounces.

THE bill is much arched, strong, and of a greenish-yellow color: the crown of the head, and part of the cheeks, are of a bright crimson, entirely surrounded by a band of white. The hind part of the head and neck black, marked with small white spots: the fore part of the neck entirely black.

THE back and wings black: the tail very long, composed of feathers of unequal lengths; their lower part black, the ends white.

THE breast and belly white: the legs of a pale blue.

## VI. PICUS



THE RED HEADED CUCKOW.









THE RED WOODPECKER.

## VI.

## PICUS MINIATUS.

## THE RED WOODPECKER.

*Picus Miniatus*, *Gmelin. Lin. i. 432. Latham, ii. 595.*  
*Index Ornith. i. 241.*

MR. *Loten* shot this on the Highlands of *Java*. It is called by the *Malayans*, *Toekan*, or the Carpenter, a name they give to woodpeckers in general, from the noise these birds make in boring trees, which resembles that made by a workman.

RED WOOD-  
PECKER.

It is drawn the size of life. The bill is of a dusky blue: the head of a deep dull red, and adorned with a long crest pointing backwards: on the chin is a spot of yellow.

THE hind part of the neck, the back, the coverts, and secondary feathers of the wings, are of the color of red lead: the fore part of the neck is of a rose-color: the belly white.

THE quill-feathers black, marked with large white spots: the coverts of the tail green: the tail consists of sharp-pointed feathers, like the *European* kind, and is of a deep blue.

## VII. PERDIX

## VII.

## PERDIX BICALCARATUS.

## DOUBLE-SPURRED PARTRIDGE.

*Perdix Bicalcarata*, *Gmelin. Lin.* ii. 759. *Forster Ind. Zool.* 25.  
*Ceylon Partridge*, *Latham*, iv. 758. *Index Ornith.* ii. 674.

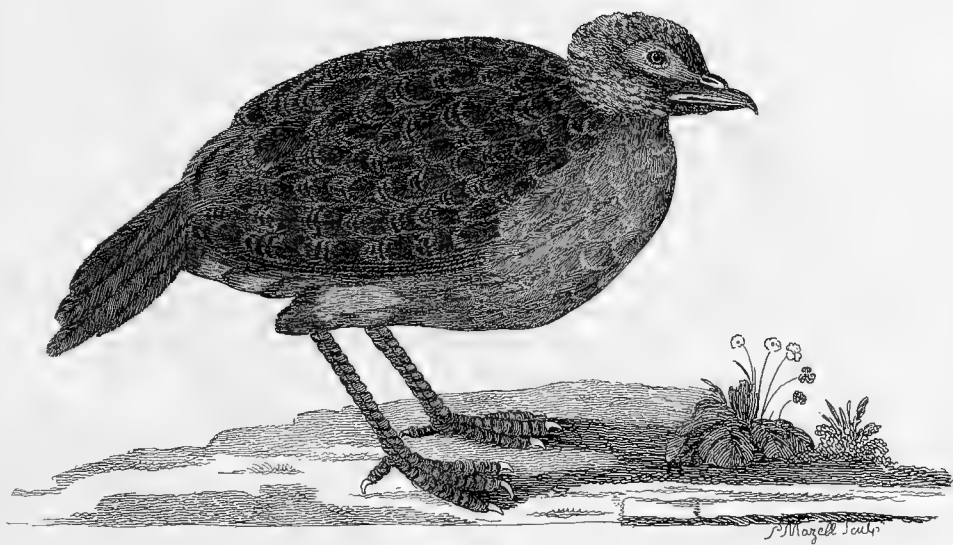
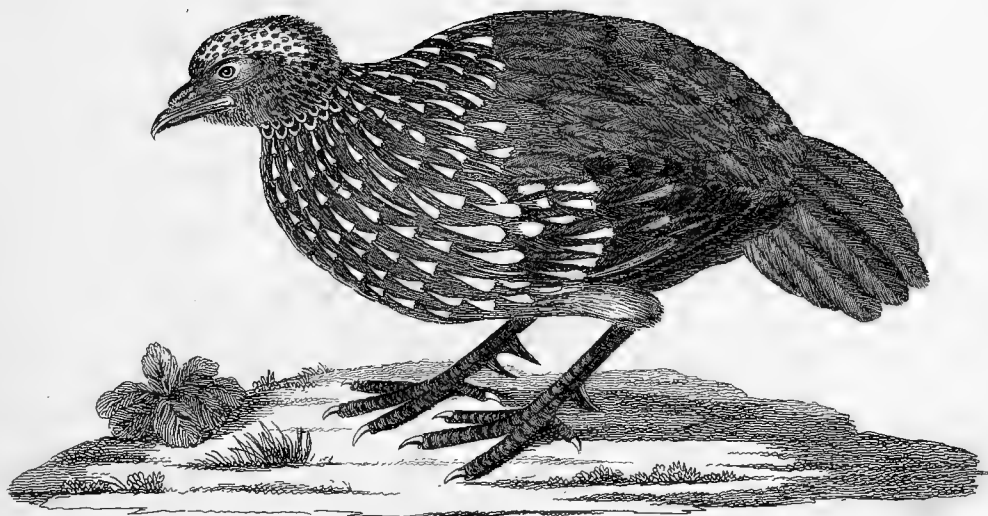
DOUBLE-SPUR-  
RED PARTRIDGE.

THE bill of the MALE is red: from that to the region of the eyes is a naked red space. The head is varied with black and white streaks. The whole neck, above and below, is black, elegantly marked with sagittal lines, the points tending upwards. The thighs white. The primaries dusky, edged with rufous. The back covered with rufous feathers, dusky on each side of their shafts. Tail dusky. Legs red, on each a pair of strong sharp spurs.

THE head of the female is cinereous. The color of the back and belly rufous, brightest below. The tail dusky. Legs red and unarmed.

THESE were taken near *Colombo*. The *Cingalese* call them *Haben-Kukella*.

## VIII. COLUMBA.



M&F. DOUBLE SPURR'D PARTRIDGE.







THE BLACK CAP'D PIGEON.



## VIII.

## COLUMBA MELANOCEPHALA.

## THE BLACK-CAPPED PIGEON.

*Columba Melanocephala*, Gmelin. *Lin.* i. 781. *Latham* iv. 654.  
*Index Ornith.* ii. 610.

THIS most elegant species is painted the size of life.

It was found on the ground in the isle of *Java*, having dropped down dead in one of those hot days that are known only in the torrid zone, when the fowls of the air often perish, unable to respire; when lions, leopards, and wolves, immerse themselves up to their nostrils in the water, to preserve themselves from the scorching sun\*; and when even men themselves have been forced to ascend the highest trees, in order to draw in a more temperate air†.

SUCH a day occasioned the discovery of this species.

THE fore part of the head, the cheeks, and beginning of the breast, were white: the hind part of the head black: the chin yellow.

BLACK-CAPPED  
PIGEON.

HEAT OF THE  
TORRID ZONE.

DESCRIPTION.

\* *Boëre's Account of the Climate and Diseases of Senegal.*

† *Phil. Transact.* 1767.

## INDIAN ZOOLOGY.

THE rest of the neck, the breast, upper part of the belly, the back, coverts, and secondary feathers of the wings, of a fine green: the quill-feathers of a dark purple.

THE lower belly and vent feathers of a fine yellow: the outside of the thighs green; the inside white: the lower side of the tail crimson: the legs red.

## IX. MUSCICAPA





*P. Magell. Sculp.*

M&F. FLAMEOUS FLYCATCHER.

## IX.

## MUSCICAPA FLAMMEA.

## FLAMMEOUS FLYCATCHER.

Muscicapa Flammea, *Gmelin. Lin.* ii. 942. *Forster Ind. Zool.* 25.

Flammeous Flycatcher, *Latham, iii.* 338. *Index Ornith.* ii. 474.

THE bill, head, neck, fore part of the back, and lesser coverts of the wings, black: rest of the back bright orange or flame-color: primaries partly black, partly orange: breast and belly of the last color, sinking into pale yellow towards the lower belly: tail dusky yellow towards the point: legs black.

FLAMMEOUS  
FLYCATCHER.

THE upper part of the head, and whole back, of the supposed female, is ash-colored: about the cheeks and throat dusky: breast orange: belly white: across the primaries a flammeous band, bounded above and below with black: tail black above.

THESE are inhabitants of *Ceylon*.

## X.

## MOTACILLA SUTORIA.

## THE TAILOR BIRD.

Motacilla Sutoria, *Gmelin. Lin. i. 997. Latham iv. 515.*  
*Index Ornith. ii. 551.*

TAILOR BIRD.

WONDROUS  
 INSTINCT.

**H**AD Providence left the feathered tribe unendowed with any particular instinct, the birds of the torrid zone would have built their nests in the same unguarded manner as those of *Europe*; but there the lesser species, having a certain prescience of the dangers that surround them, and of their own weakness, suspend their nests at the extreme branches of the trees; they are conscious of inhabiting a climate replete with enemies to them and their young; with snakes that twine up the bodies of the trees, and apes that are perpetually in search of prey; but, heaven-instructed, they elude the gliding of the one, and the activity of the other.

AN INDIAN  
 FOREST.

AN *Indian* forest is a scene the most picturesque that can be imagined; the trees seem perfectly animated; the fantastic monkeys give life to the stronger branches; and the weaker sprays wave over your head, charged with vocal and various-plumed inhabitants. It is an error to



THE TAYLOR BIRD.





say that nature hath denied melody to the birds of hot climates, and formed them only to please the eye with their gaudy plumage: *Ceylon* abounds with birds equal in song \* to those of *Europe*, which warble among the leaves of trees, grotesque in their appearance, and often loaden with the most delicious and salubrious fruit. Birds of the richest colors cross the glades, and troops of peacocks complete the charms of the scene, spreading their plumes to a sun that has ample powers to do them justice. The landscape, in many parts of *India*, corresponds with the beauties of the animate creation: the mountains are lofty, steep, and broken, but cloathed with forests, enlivened with cataracts † of a grandeur and figure unknown to this part of the globe.

BUT to give a reverse of this enchanting prospect, which it is impossible to enjoy with a suitable tranquillity; you are harassed in one season with a burning heat, or in the other with deluges of rain: you are tormented with clouds of noxious insects: you dread the spring of the *Tiger*, or the mortal bite of the *Naja*.

THE brute creation are more at enmity with one another than in other climates; and the birds are obliged to exert unusual artifice in placing their little broods out of

\* That of what the *Portuguese* call *Dominiquin*, is particularly fine.

† Those of the island of *Celebes* are distinguished for their magnificent scenery, as appears from the drawings in possession of Mr. *Loten*.

the

## NEST.

the reach of an invader. Each aims at the same end, though by different means. Some form their penfile nest in shape of a purse, deep, and open at top; others with a hole in the side; and others, still more cautious, with an entrance at the very bottom, forming their lodge near the summit\*.

## DESCRIPTION.

BUT the little species we describe, seems to have greater diffidence than any of the others: it will not trust its nest even to the extremity of a slender twig, but makes one more advance to safety by fixing it to the leaf itself.

It picks up a dead leaf, and, surprising to relate, sews it to the side of a living one†, its slender bill being its needle, and its thread some fine fibres; the lining, feathers gossamer, and down. Its eggs are white. The color of the bird light-yellow: its length three inches, its weight only three-sixteenths of an ounce, so that the materials of the nest, and its own size, are not likely to draw down a habitation that depends on so slight a tenure.

\* This instinct prevales also among the birds on the banks of the *Gambia*, in *Africa*, which abounds with monkies and snakes: others (for the same end) make their nest in holes of the banks that over-hang that vast river. *Purchas*. ii. p. 1576.

† The live leaf in the print is that of the *Mango* tree. A nest of this bird is preserved in the *British Museum*.





WHITE HEADED IBIS.

## XI.

## TANTALUS LEUCOCEPHALUS.

## THE WHITE-HEADED IBIS.

*Tantalus Leucocephalus*, *Gmelin. Lin. i. 649. Latham, v. 116.*  
*Index Ornith. ii. 706.*

**I**N size it is much superior to our largest curlews. The bill is yellow, very long, and thick at the base, and a little incurvated: the nostrils very narrow, and placed near the head: all the fore part of the head is covered with a bare yellow, and seems a continuance of the bill; and the eyes are, in a very singular manner, placed very near its base.

WHITE-HEADED  
IBIS.

DESCRIPTION.

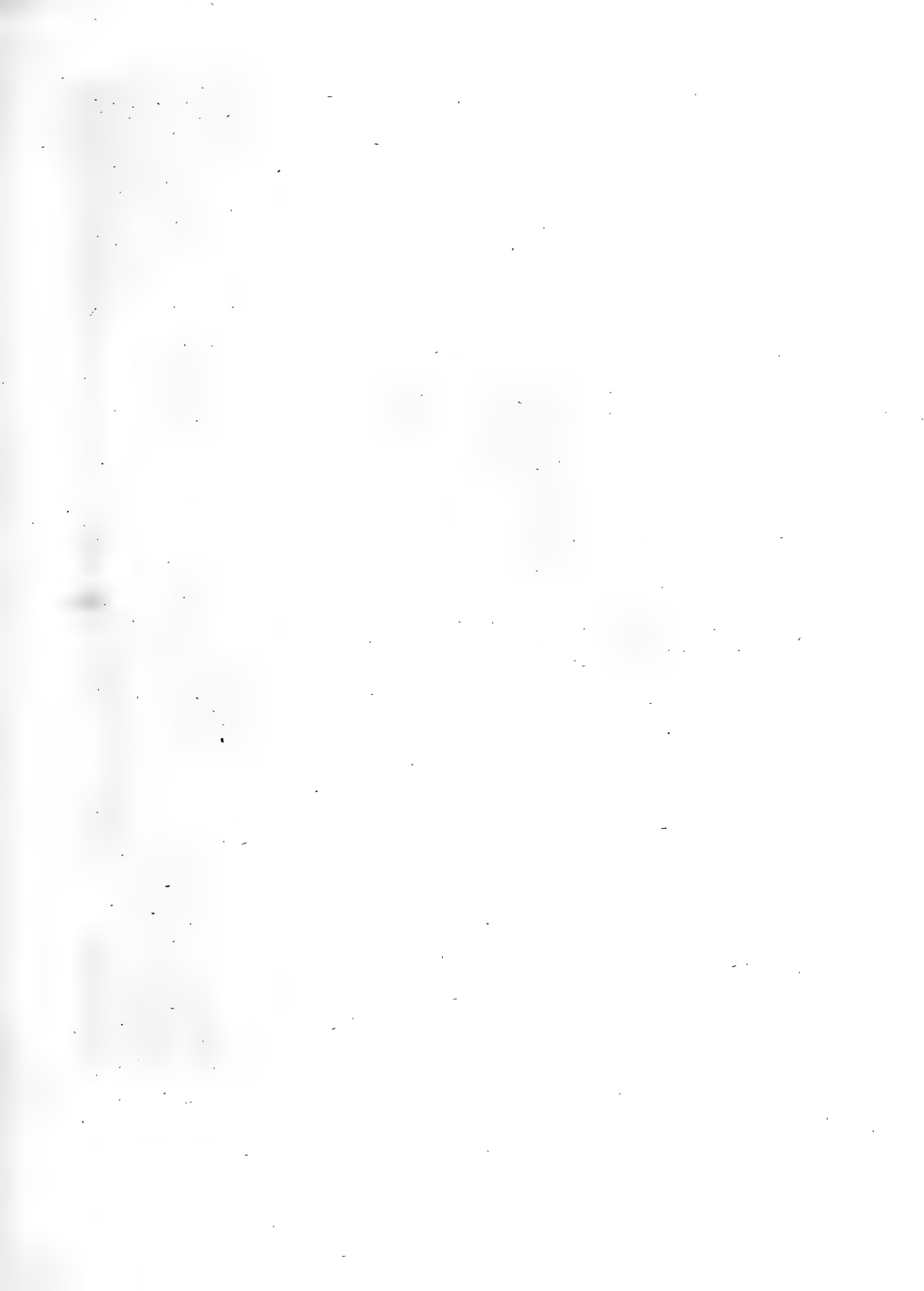
THE rest of the head, the neck, back, belly, and secondary feathers, are of a pure white; a transverse broad band of black crosses the breast: the quill-feathers, and coverts of the wings, are black: the coverts of the tail are very long, and of a fine pink color; they hang over and conceal the tail.

THE legs and thighs are very long, and of a dull flesh-color; the feet semi-palmated, or connected by webs as far as the first joint.

PLACE.

THIS bird was taken in the isle of *Ceylon*, and kept tame for some time at *Colombo*; it made a snapping noise with its bill like a stork; and, what was remarkable, its fine rosy feathers lost their color during the rainy season.

## XII. GALLINULA





RED TAIL'D WATERHEN.



## XII.

## GALLINULA PHOENICURUS.

## THE RED-TAILED WATER-HEN.

Rallus Phœnicurus, *Gmelin. Lin.* i. 715. *Latham, v.* 259.

*Index Ornith.* ii. 770:

THIS species is very common in *Ceylon*, where it is called *Kaloe-kerevaka*, and seems the same kind that is so often figured on the *Indian* papers.

RED-TAILED  
WATER-HEN.

ITS length is nine inches; its weight seven ounces and a quarter.

DESCRIPTION.

IT has the form of the *European* kind: the bill a little thicker, of a greenish cast, tinged with red; on the forehead is a flesh-colored spot.

THE hind part of the head and neck, the back and coverts of the wings, are black: the quill-feathers black, marked with large spots of a bluish cast.

THE crown of the head, the cheeks, and whole under-side of the body, as far as the vent, are of a pure white: the vent feathers, and the tail, of a ferruginous red.

THE legs and feet long, and of a dirty green, tinged with red.

H

XIII. ANSER

## XIII.

## ANSER MELANOTOS.

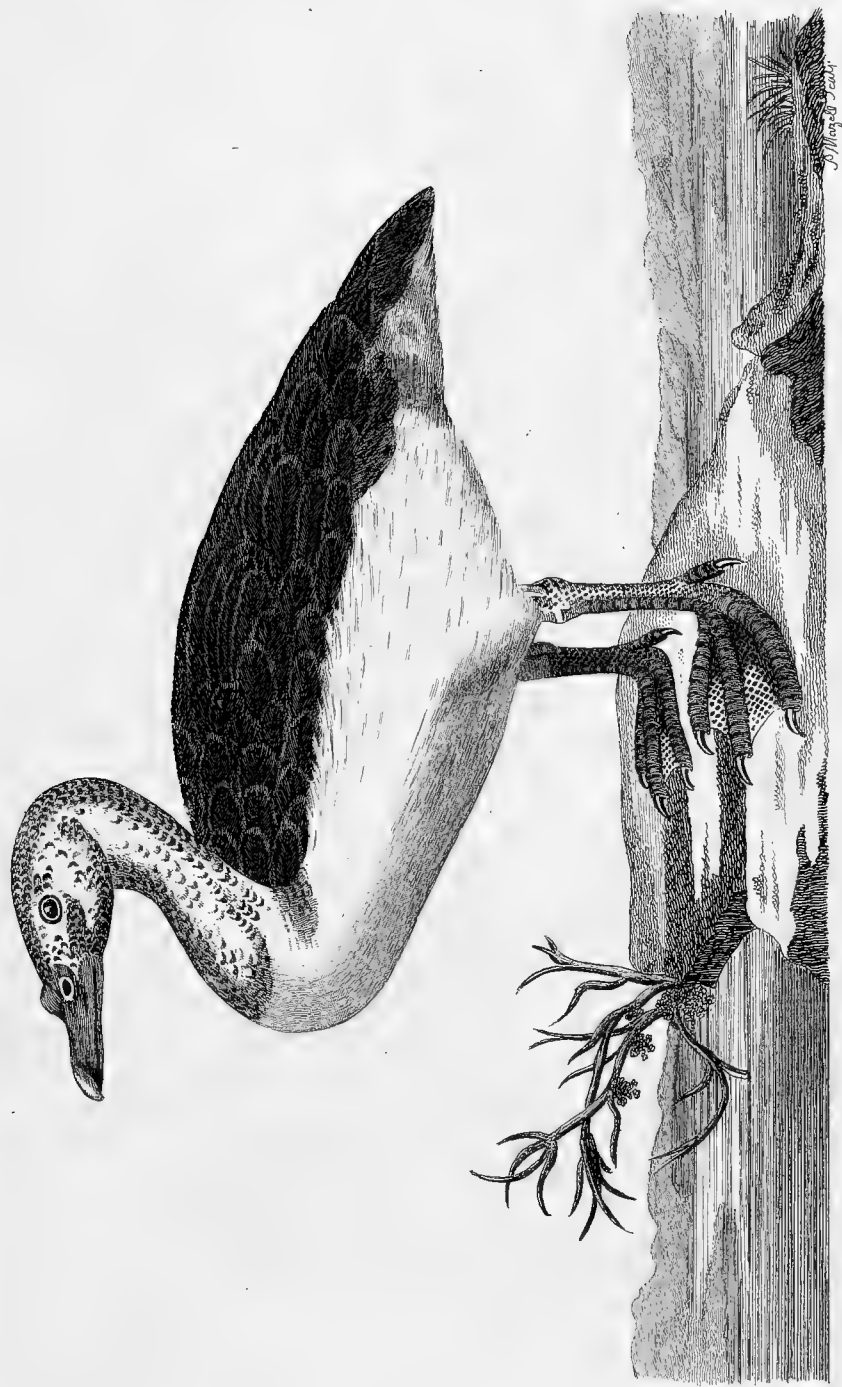
## THE BLACK-BACKED GOOSE.

Anser Melanotos, *Gmelin. Lin. i. 503. Latham, vi. 449.*  
*Index Ornith. ii. 839.*

BLACK-BACKED  
GOOSE.

NOTWITHSTANDING the isles of the *East-Indies* swarm with crocodiles, which are animals of insatiable voracity, catching at every living creature that frequents their element, yet no country abounds more with aquatic birds; nature hath happily given them a quickness of sight, and an instantaneous locomotive power, which enables them to elude the jaws of an enemy, which, it is well known, cannot turn without the utmost difficulty. It is by a fine instinct that the lesser and more agile species of ducks frequent, in flocks innumerable, the shores, the mouths of rivers, and the marshy parts of the isles, and are, with the crocodiles, joint tenants of the waters; while the larger and more clumsy fowl avoid those places, and, dividing into small families, haunt only the lakes and streams that lie \* in the deep recesses of the

\* Which *Knox*, in his *History of Ceylon*, p. 3, says, the crocodiles never approach.



BLACK BACK'D GOOSE.



lofty and craggy mountains, protected by the cataracts that prevent the approach of their enemy.

TAME ducks abound so greatly in the isles, that the capture of the wild sort is much neglected. Decoys are unknown there: the commonest method of taking them is this: A man goes into the water with a pot or a hollow calabash on his head, and walks or swims so low as to conceal his whole body: the birds, imagining the gourds to be brought down accidentally, suffer the fowler to approach them; he pulls them by the legs under water, fastens them to a girdle he wears for that purpose, and then proceeds in his sport. This method is also practised in *China* \*, and was doubtless introduced there, and into *India*, from *Ægypt*, the original seat of science.

INDIAN  
FOWLING.

THE species of goose we now describe, is extremely common in *Ceylon*, and is equal in size to our wild goose: the bill is long, and black; at the base is a knob, which in old birds is very large.

DESCRIPTION.

THE head and neck are white, marked with small black spots: the breast and belly of a pure white: the back and wings are black, but the ends of the primary feathers of a fine variable green.

THE tail is sharp-pointed and black: the legs of the same colour.

\* *Du Halde Hist. China*, i. 314.

## XIV.

## ANAS POIKILORHYNCHUS.

## SPOTTED-BILLED DUCK.

*Anas Poikilorhyncha*, *Gmelin. Lin. i. 535. Forster, Ind. Zool. 23.*  
 Spotted-billed Duck, *Latham, vi. 487. Index Ornith. ii. 850.*

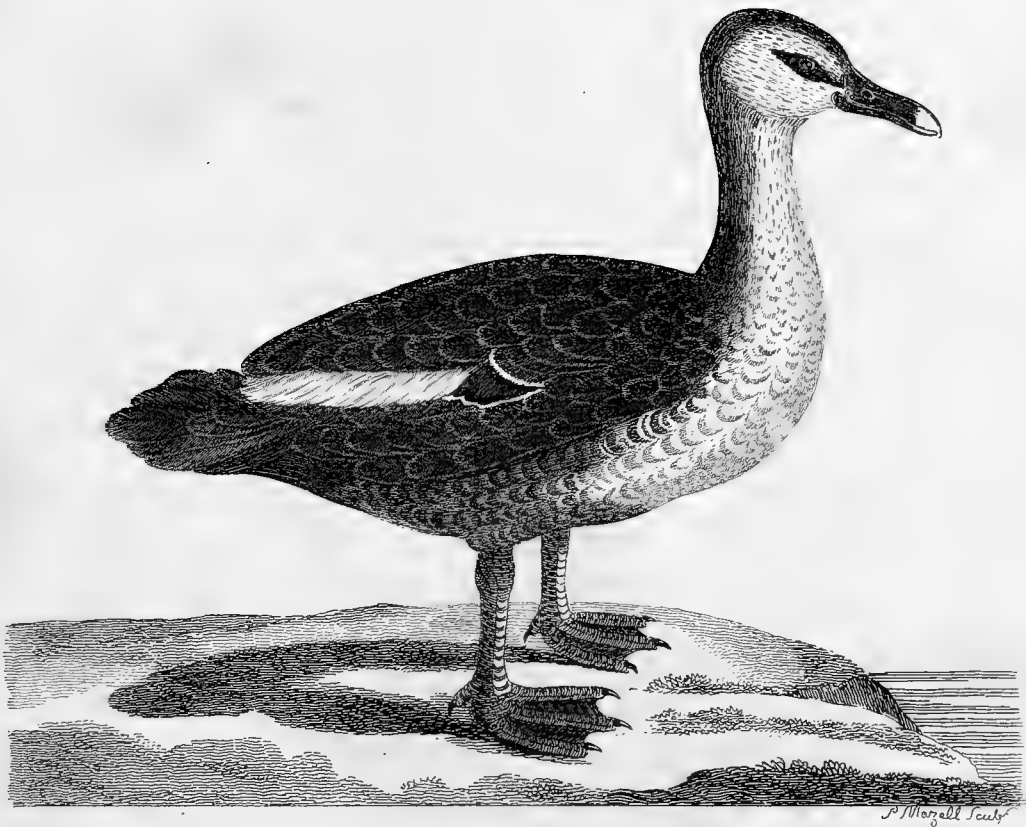
SPOTTED-BILLED  
DUCK.

## DESCRIPTION.

THE bill of this species is black, tipped with yellow, and marked on each side of the base with a red spot: a white line passes from thence to and beyond the eye. The cheeks, and under side of the neck and body, white, more and more clouded from the chin to the vent, which is totally black: the wings, back, and tail, are black; each feather slightly edged with white; some of the tertials wholly white: the *speculum* of a variable green, bounded above and below with a narrow line of white.

THIS is the common wild duck of *Ceylon*; and, if I recollect right, is not inferior in size to the *English* wild duck.

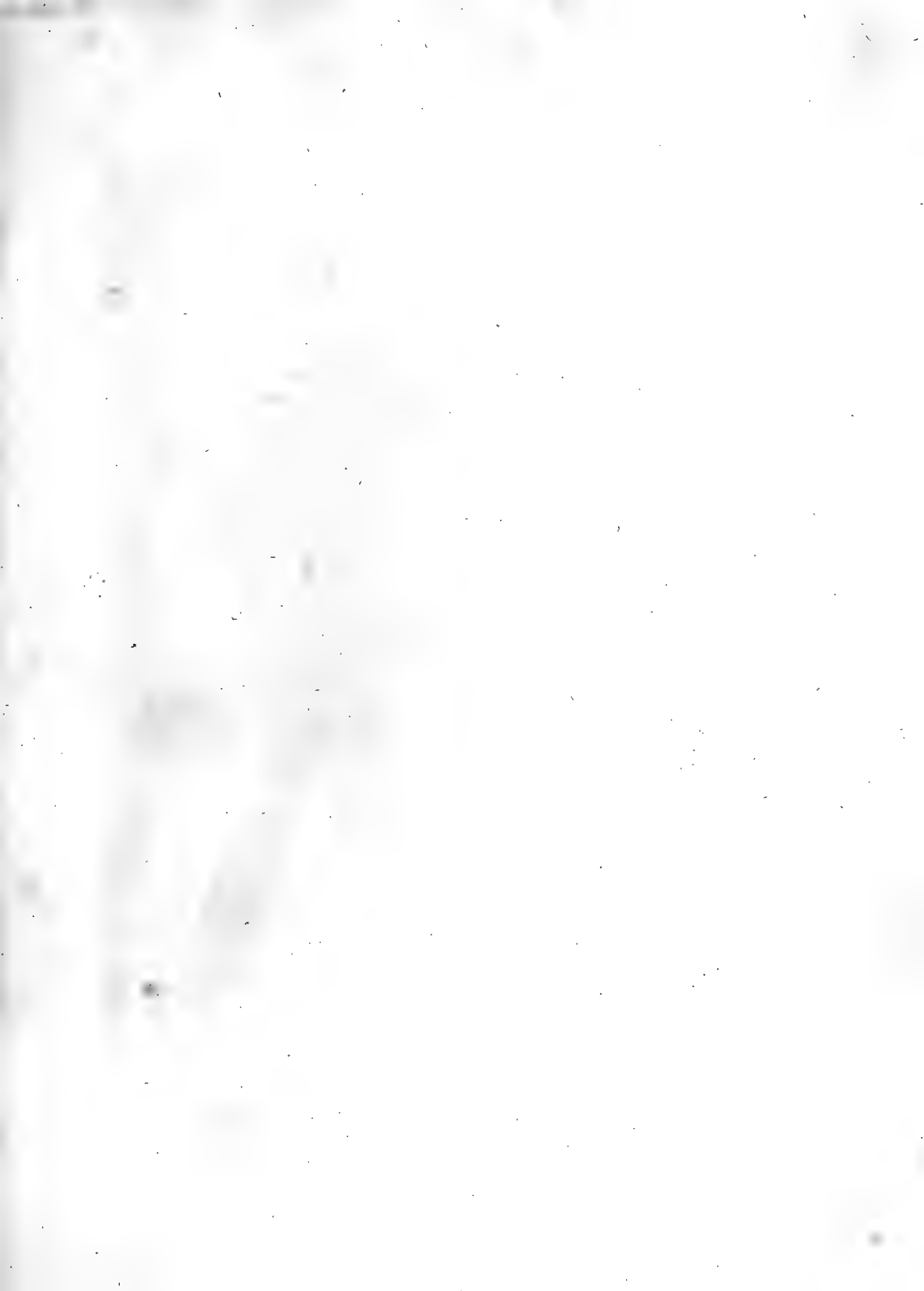
## XV. ANHINGA



SPOTTED BILL DUCK.









BLACK BELLED ANHINGA.

## XV.

## ANHINGA MELANOGASTER.

## THE BLACK-BELLIED ANHINGA.

Plotus Melanogaster, *Gmelin. Lin.* i. 580. *Latham*, vi. 624.  
*Index Ornith.* ii. 895.

WE give it this epithet, to distinguish it from an *American* species with a silvery belly\*.

BLACK-BELLIED  
ANHINGA.

THIS kind is found in *Ceylon* and *Java*, but is not peculiar to those islands; a variety, if not the same, being met with in *Senegal*†.

IT sits on the shrubs that hang over the water; and, in a country where every one's ideas are filled with serpents, often terrifies the passengers by shooting out its long slender neck, which, in their first surprize, they take for the darting of some fatal reptile.

ITS body is about the size of that of a common duck, but the neck extremely long: the bill strait, long, and sharp-pointed; the upper part of a pale blue, the lower reddish.

DESCRIPTION.

THE eye is very piercing.

\* Found in *Brazil*. Vide *Marcgrave, Hist. Brasiliæ*, 218.

† *Planches Enluminées*, 107.

THE

THE head and neck and upper part of the breast are of a light-brown ; each side of the head, and the upper part of the neck, marked with a broad white line.

THE crop is very large.

THE back, scapulars, and coverts of the wings, are marked lengthways, in equal portions, with stripes of black and white.

THE quill-feathers, belly, thighs, and tail, of a deep black ; the tail remarkably long and slender.

THE legs and feet of a pale green ; the four toes united by webs, after the manner of those of the corvorant.

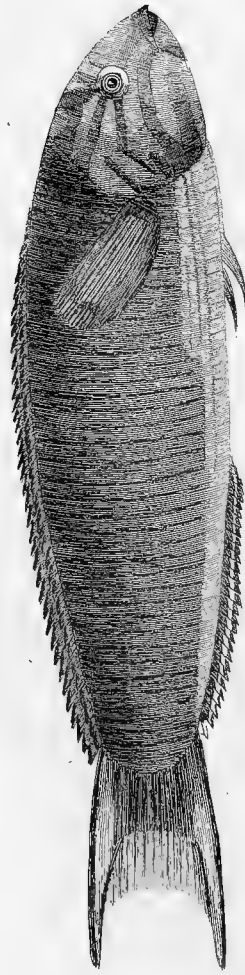


TIGER SHARK



*W. H. S. 1844*

ZEYLON WRASSE.



## XVI.

## SQUALUS TIGRINUS.

## THE TIGER SHARK.

*Squalus Tigrinus*, *Gmelin. Lin.* i. 1493. *Blache*, i. 19. N° 4.  
*Gronov. Mus.* i. N° 136. *Seb. Mus.* iii. 105. tab. 34. fig. i.  
*Herman*, tab. Affin. p. 302. *Forster, Ind. Zool.* 24.

THE head of this shark ends obtusely, being of an equal thickness: the nostrils are at the end of the nose: at each corner of the mouth is a strong beard: the fins of the back are rounded and contiguous: it is of the division that has the anal fin. The ground-color is dusky: the body marked with white bands passing from the back towards the belly: the fins are spotted with the same color.

TIGER SHARK.

DESCRIPTION.

THIS species grows to the length of fifteen feet, and is said to feed on the testaceous and crustaceous animals of the sea.

## XVII. LABRUS

XVII. *See plate V.*

## LABRUS ZEYLANICUS.

## THE CEYLON WRASSE.

*Labrus Zeylanicus*, *Gmelin. Lin. i. 1287. Forster, Ind. Zool. 24.*

*Labrus Polyodon*, *Seb. Mus. iii. p. 96. tab. xxxi. fig. 7.*

## CEYLON WRASSE.

## DESCRIPTION.

THIS species resembles in form the elegant *European* species, the *L. Pavo*, and *L. Iulis*. The head is blue: the coverts of the gills green, marked with purple lines: the whole body of a rich green: the dorsal and anal fins purple, edged with pale sky-blue: on the middle of the pectoral fin is an oblong purple spot, environed with light blue: the tail is lunated, the base blue: the two side rays (which appeared by the drawing to be strong) purple; the intervening rays yellow. The size, about a foot and a half.

INHABITS the seas of *Ceylon* and *Java*: is called by the *Cingalese*, *Dschirau-Malu*: by the *Dutch*, *Papegaay Viscb*, or *Parrot-fish*; and is eaten by the common people.

THE



THE  
INDIAN FAUNULA.



# CLASS I. QUADRUPEDS.

## DIV. I. HOOFED.

### SECT. I. WHOLE-HOOFED.

GENUS.  
I.  
HORSE.

- |    |                     |           |                     |       |
|----|---------------------|-----------|---------------------|-------|
| 1. | <b>G</b> ENEROUS.   | -         | HIST. QUAD. vol. i. | N° 1. |
| 2. | Dfhikketi.          | - - - - - | - - - - -           | — 2.  |
| 3. | Afs, wild and tame. | - - - - - | - - - - -           | — 3.  |

### SECT. II. CLOVEN-HOOFED.

II.  
Ox.

- |    |               |           |           |         |
|----|---------------|-----------|-----------|---------|
| 1. | Great Indian. | - - - - - | - - - - - | — 6. A. |
| 2. | Little.       | - - - - - | - - - - - | — 6. B. |
| 3. | Buffalo.      | - - - - - | - - - - - | — 8.    |
| 4. | Dwarf.        | - - - - - | - - - - - | — 8. A. |
| 5. | Anoa.         | - - - - - | - - - - - | — 8. B. |
| 6. | Guayera.      | - - - - - | - - - - - | — 8. C. |

III.  
SHEEP.

- |    |          |           |           |             |
|----|----------|-----------|-----------|-------------|
| 1. | Common.  | - - - - - | - - - - - | — II.       |
| 2. | Wild.    | - - - - - | - - - - - | — H. p. 38. |
| 3. | Carnero. | - - - - - | - - - - - | — F. p. 35. |

I 2

IV. GOAT.

IV.  
GOAT.

- |               |           |                  |
|---------------|-----------|------------------|
| 1. Domestic.  | - - - - - | Nº 13. a. p. 53. |
| 2. Caucafan ? | - - - - - | — 14.            |

V.  
ANTELOPE.

- |                   |           |             |
|-------------------|-----------|-------------|
| 1. Algazel.       | - - - - - | — 21.       |
| 2. Indian.        | - - - - - | — 22.       |
| 3. Indoſtan.      | - - - - - | — 26.       |
| 4. White-footed.  | - - - - - | — 27.       |
| 5. Common.        | - - - - - | — 31.       |
| 6. Smooth-horned. | - - - - - | — β. p. 80. |
| 7. Chineſe ?      | - - - - - | — 36.       |

VI.  
DEER.

- |                    |           |         |
|--------------------|-----------|---------|
| 1. Spotted Axis.   | - - - - - | — 47.   |
| 2. Middle-sized A. | - - - - - | — 48.   |
| 3. Great A.        | - - - - - | — 48. * |
| 4. Porcine.        | - - - - - | — 49.   |
| 5. Rib-faced.      | - - - - - | — 50.   |

VII.  
MUSK.

- |            |           |       |
|------------|-----------|-------|
| 1. Indian. | - - - - - | — 56. |
| 2. Guinea. | - - - - - | — 57. |

VIII.  
CAMEL.

- |                 |           |       |
|-----------------|-----------|-------|
| 1. One-bunched. | - - - - - | — 58. |
|-----------------|-----------|-------|

IX.  
HOG.

- |                 |           |       |
|-----------------|-----------|-------|
| 1. Common.      | - - - - - | — 61. |
| 2. Baby-rouſſa. | - - - - - | — 65. |

X.  
RHINOCEROS.

- |                |           |       |
|----------------|-----------|-------|
| 1. One-horned. | - - - - - | — 67. |
|----------------|-----------|-------|

XI.  
ELEPHANT.

- |           |           |       |
|-----------|-----------|-------|
| 1. Great. | - - - - - | — 70. |
|-----------|-----------|-------|

DIV. II.

DIV. II. DIGITATED QUADRUPEDS.

SECT. I. ANTHROPOMORPHOUS.

\* TAIL-LESS.

XII.  
APE.

- |                     |  |          |
|---------------------|--|----------|
| 1. Orang-outang.    | - - - - -                                  | Nº 72.   |
| 2. Satyr.           | - - - - - <i>Schreber, 64. tab. ii. B.</i> |          |
| 3. Long-armed.      | - - - - -                                  | — 74.    |
| 4. Leffer L. armed. | - - - - -                                  | — 74. a. |
| 5. Shaggy.          | - - - - - <i>Lev. Mus.</i>                 |          |
| 6. Golok.           | - - - - - <i>Phil. Tr. lix. 72.</i>        |          |
| 7. Pygmy.           | - - - - -                                  | — 73.    |
| 8. Barbary?         | - - - - - <i>Erxleben, 14.</i>             |          |

\*\* WITH SHORT TAILS. BABOONS.

- |                  |           |       |
|------------------|-----------|-------|
| 9. Little.       | - - - - - | — 83. |
| 10. Pig-tail.    | - - - - - | — 85. |
| 11. Lion-tailed. | - - - - - | — 88. |

\*\*\* WITH LONG TAILS. MONKIES.

- |                   |           |        |
|-------------------|-----------|--------|
| 12. Purple-faced. | - - - - - | — 89.  |
| 13. Talapoin.     | - - - - - | — 99.  |
| 14. Egret.        | - - - - - | — 101. |
| 15. Monea.        | - - - - - | — 102. |
| 16. Chinefe.      | - - - - - | — 104. |
| 17. Cochinchina?  | - - - - - | — 107. |
| 18. Tawny.        | - - - - - | — 108. |
| 19. Philippine.   | - - - - - | — 115. |

## XIII.

MAUCAUCO.	1. Tail-lefs. - - - - -	N° 128.
	2. Loris. - - - - -	— 129.
	3. Tarfier. - - - - -	— 133.
	4. Flying. - - - - -	— 135.

## SECT. II. RAPACIOUS. CANINE TEETH.

## XIV.

Dog.	1. Faithful. - - - - -	— 136.
	2. Bengal. - - - - - <i>De Buffon</i> , v. tab. xxxiv.	
	3. Schackal. - - - - -	— 145.

## XV.

CAT.	1. Lion. - - - - -	— 151.
	2. Tiger. - - - - -	— 152.
	3. Panther. - - - - -	— 153.
	4. Leopard. - - - - -	—*154.
	5. Lesser Leopard. - - - - -	— 155.
	6. Hunting. - - - - -	— 156.
	7. Bengal. - - - - -	— 164.
	8. Lynx. - - - - -	— 170. & vol. ii.
		P. 565.
	9. Persian L. - - - - -	— 173.
	10. Serval. - - - - -	— 169.

## XVI.

BEAR.	1. Brown. - - - - -	— 174.
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## XVII.

BADGER.	1. Indian. - - - - -	— 180.
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## XVIII.

OPOSSUM.	1. Molucca. - - - - -	— 182.
	2. Javan. - - - - -	— 183.
	3. Phalanger. - - - - -	— 190.

XIX.  
WEESEL.

1. Ichneumon.	- - - - -	Nº 211.
2. Civet.	- - - - -	— 223.
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THIS Catalogue is taken from MR. LATHAM'S SYNOPSIS OF BIRDS, in Seven Volumes, Quarto (including the Supplement); and from his INDEX ORNITHOLOGICUS, the most complete Work in its kind which I am acquainted with.

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## XXVI.

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1. Gold-backed.	- - - - -	<i>Brown Ill. pl. 25.</i>	III. 115.
2. Cardinal.	- - - - -	<i>Mus. Carlsf. fasc. ii. t. 41.</i>	— 118. $\beta$ .
3. Boeton.	- - - - -	<i>Seb. i. pl. 60. f. 4.</i>	— 119.
4. Madagascar.	- - - - -	<i>Pl. Enl. 134. 2.</i>	— 119.
5. Java.	- - - - -	<i>Edw. pl. 41. 42.</i>	— 129.
6. Philippine.	- - - - -	<i>Pl. Enl. 135. 2.</i>	— 129.
7. Bengal.	- - - - -	<i>Edw. pl. 189.</i>	— 133.
8. Sumatran.	- - - - -	<i>Mus. Carlsf. fasc. iii. t. 71. }</i> <i>Index Orn. 384. }</i>	
9. Yellow?	- - - - -	- - - - -	— 139.
10. Yellow-rumped.	- - - - -	- - - - -	— 140.
11. Malacca.	- - - - -	<i>Edw. pl. 355.</i>	— 140.
12. Molucca.	- - - - -	<i>Pl. Enl. 139. 2.</i>	— 141.
13. Cowry.	- - - - -	<i>Edw. pl. 40.</i>	— 142.
14. Brown?	- - - - -	- - - - -	— 147.
15. Lineated?	- - - - -	<i>Brif. iii. pl. 17. 1.</i>	— 149.
16. Red-billed.	- - - - -	<i>Edw. pl. 271. 2.</i>	— 151.
17. Cinereous.	- - - - -	<i>Edw. pl. 179. 2.</i>	— 154.
18. Indian.	- - - - -	- - - - -	VII. 155.
19. Malabar.	- - - - -	- - - - -	III. 154.
			20. Orange-

			LATH. SYN.
20.	Orange-bellied.	- - - <i>Edw. pl. 83.</i>	I. III. 157.
21.	Prafine.	- - - <i>Mus. Carl. fasc. iii. t. 73.</i>	}
		<i>Index Orn. i. 396.</i>	
22.	Dwarf.	- - - <i>Jacq. Vog. p. 28. pl. 13.</i>	— 158.

XXVII.

BUNTING.

1.	Long-tailed.	- - - - - <i>Will. Orn. t. 45.</i>	— 181.
2.	Panayan.	- - - - - <i>Pl. Enl. 647.</i>	— 184.
3.	Familiar.	- - - - -	— 194.
4.	Red-rumped.	- - - <i>Pl. Enl. 101.</i>	2. — 208.
5.	Blue-faced.	- - - <i>Bris. iii. pl. 7. f. 4.</i>	— 209.
6.	Green.	- - - - -	— 209.
7.	Asiatic.	- - - - -	VII. 160.

XXVIII.

TANAGRE.

1.	Amboina.	- - - - - <i>Seb. i. pl. 38. f. 6.</i>	III. 244.
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XXIX.

FINCH.

1.	Lovely.	- - - - -	VII. 168.
2.	White-breasted.	- - - <i>Pl. Enl. 224.</i>	2. III. 268.
3.	Collared.	- - - - - <i>Edw. pl. 272.</i>	— 280.
4.	Blue-bellied.	- - - - - <i>Edw. pl. 131.</i>	— 310.
5.	Amandavad.	- - - <i>Edw. pl. 355.</i>	1. — 311.
6.	Brown.	- - - - - <i>Pl. Enl. 115.</i>	2. — 312.
7.	Maia, or Cuba.	- - - <i>Pl. Enl. 109.</i>	2. fem. — 315.
8.	Ceylon.	- - - - -	— 317.
9.	Lunar.	- - - - - <i>Mill. Ill. pl. 30.</i>	— 320.
10.	Green-rumped.	- - - - -	— 320.

XXX.

FLY-CATCHER.

1.	Pied.	- - - - - <i>Br. Zool. Edw. pl. 30.</i>	— 324.
2.	Coromandel.	- - - - -	— 331.
3.	Flammeous.	- - - - - <i>Ind. Zool.</i>	— 338.
4.	Cinnamon.	- - - - -	IV. 447. 42.
5.	Tufted.	- - - - -	III. 334.

6. Red-

		LATH. SYN.
6. Red-vented.	<i>Brown Ill. pl. 31.</i>	III. 335.
7. Variety. Yellow-vented.	— <i>ibid.</i>	— <i>ibid.</i>
8. Guava.	<i>Son. Voy. pl. 28.</i>	— <i>ibid.</i>
9. Yellow-breasted.	<i>Brown Ill. pl. 82.</i>	— 336.
10. Green.	—	— 336.
11. Black.	<i>Son. Voy. pl. 27. 2.</i>	— 338.
12. Philippine.	—	— 339.
13. Azure.	<i>Pl. Enl. 666. 1.</i>	— 339.
14. Blue-head.	<i>Son. Voy. pl. 26. 1.</i>	— 339.
15. Yellow-throat.	<i>Son. Voy. pl. 26. 2.</i>	— 340.
16. Paradise.	<i>Edw. pl. 113.</i>	— 345.
17. Javan.	<i>Mus. Carl. fasc. iii. t. 75. }</i> <i>Index Orn. ii. 490. }</i>	
18. Cambaian	—	— 490.

## XXXI.

## LARK.

1. Sky?	<i>Br. Zool.</i>	IV. 368.
2. Malabar.	<i>Son. Voy. Ind. ii. pl. 113. 1.</i>	— 379.
3. Gingi.	<i>Son. Voy. Ind. ii. pl. 113. 2.</i>	— 380.

## XXXII.

## WAGTAIL.

1. White?	<i>Br. Zool.</i>	— 395.
2. Collared.	<i>Son. Voy. pl. 29.</i>	— 396.
3. Pied.	<i>Raii Syn. pl. 1. f. 1.</i>	— 397.
4. Javan.	<i>Br. Zool. var.</i>	— 398. 399.
5. Indian.	—	— 399.
6. Yellow.	<i>Br. Zool. TIMOR.</i>	— 401. 6. A.
7. Green.	<i>Brown Ill. pl. 33.</i>	— 403.

## XXXIII.

## WARBLER.

1. Luzonian.	<i>Pl. Enl. 235. 1. 2.</i>	— 451.
2. Coromandel.	—	— 452.
3. Philippine.	<i>Pl. Enl. 185. 2.</i>	— 453.
4. Wheat-ear.	<i>Br. Zool.</i>	— 465.
5. Pink.	<i>Brown Ill. pl. 33.</i>	— 473.

6. Olive.

		LATH. SYN.
6. Olive. - - - - -	<i>Brown Ill. pl. 14.</i>	IV. 473.
7. Green. - - - - -	<i>Edw. pl. 79.</i>	— 474.
8. Cingalese. - - - - -	<i>Brown Ill. pl. 32.</i>	— 474.
9. Superb. - - - - -	- - - - -	— 501. <i>pl. 53.</i>
10. Blue-headed. - - - - -	<i>Son. Voy. t. 27. i. Index</i> }	
	<i>Orn. ii. 545.</i> }	
11. Gold-crested Wren. - - - - -	<i>Br. Zool.</i>	III. 508.
12. Tailor. - - - - -	<i>Ind. Zool.</i>	— 515.
13. Black-necked. - - - - -	- - - - -	VII. 187.
14. Cambaian. - - - - -	<i>Index Orn. ii. 554.</i>	
15. Guzurat. - - - - -	<i>Ibid.</i>	
16. Asiatic. - - - - -	<i>Ibid.</i>	
Yellow Wren. - - - - -	<i>Br. Zool.</i>	IV. 512.

XXXIV.  
MANAKIN.

1. Little. - - - - -	— 526.
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XXXV.  
TITMOUSE.

1. Malabar. - - - - -	<i>Son. Voy. Ind. ii. pl. 114. i.</i>	— 555.
2. Indian. - - - - -	<i>Mus. Carls. fasc. ii. t. 50. }</i>	
	<i>Index Orn. ii. 572. }</i>	

XXXVI.  
SWALLOW.

1. Panayan. - - - - -	<i>Son. Voy. pl. 76.</i>	— 565.
2. Red-headed. - - - - -	- - - - -	— 571.
3. Indian. - - - - -	- - - - -	— 571. <i>pl. 56.</i>
4. Esculent. - - - - -	<i>Brif. ii. pl. 46. f. 2. A.</i>	— 578.
Chimney. - - - - -	<i>Br. Zool.</i>	— 560.

XXXVII.  
GOAT-SUCKER.

1. Asiatic. - - - - -	- - - - -	VII. 195.
2. Indian. - - - - -	- - - - -	— 196.

## ORDER IV. COLUMBINE.

\* TAIL EVEN AT THE END.

XXXVIII.  
PIGEON.

LATH. SYN.

1. Domestic.	- - - - -	<i>Pl. Enl.</i> 466.	IV. 605.
2. Laced.	- - - - -	- - - - -	— 610.
3. White-winged.	- - - - -	<i>Edw. pl.</i> 76.	— 617.VII. 197.
4. Great-crowned.	- - - - -	<i>Edw. pl.</i> 338.	— 620.
5. Lesser-crowned.	-	<i>Son. Voy. Ind.</i> ii. <i>pl.</i> 100.	— 622. 623. <i>pl.</i> 58.
6. Grey-headed.	- - - - -	<i>Son. Voy. pl.</i> 66.	— 623.
7. Yellow-faced.	- - - - -	<i>Brown Ill. pl.</i> 20.	— 624.
8. Purple-shoulder.	- - - - -	- - - - -	VII. 201.
9. Asiatic.	- - - - -	- - - - -	— 202.
10. Green-winged.	- - - - -	<i>Edw. pl.</i> 14.	IV. 625.
11. Jamboo.	- - - - -	- - - - -	— 627.
12. Red-crowned.	- - - - -	<i>Son. Voy. pl.</i> 67.	— 628.
13. Parrot.	-	<i>Pl. Enl.</i> 138. <i>Son. Voy. pl.</i> 65.	— 629. 630.
14. Aromatic.	- - - - -	<i>Pl. Enl.</i> 163.	— 631.
15. Nicobar.	- - - - -	<i>Pl. Enl.</i> 491.	— 642.
16. Common Turtle.	- - - - -	<i>Pl. Enl.</i> 394.	— 644.
17. Luzonian T.	- - - - -	<i>Son. Voy. pl.</i> 22.	— 646.
18. Collared.	- - - - -	<i>Pl. Enl.</i> 244.	— 648.
19. Grey.	- - - - -	<i>Son. Voy. Ind.</i> ii. <i>pl.</i> 102.	— 649.
20. Barred.	- - - - -	<i>Edw. pl.</i> 16.	— 650.VII. 200.
21. Surat.	- - - - -	<i>Index Orn.</i> ii. 609.	-
22. Cambayan.	- - - - -	- - - - -	— 652.
23. Malabar.	- - - - -	- - - - -	— 652.
24. Green.	- - - - -	<i>Pl. Enl.</i> 142.	— 653.
25. Black-capped.	- - - - -	<i>Ind. Zool.</i>	— 654.
26. Javan.	- - - - -	<i>Pl. Enl.</i> 177.	— 654.
27. Blue-crowned.	- - - - -	- - - - -	— 655.
28. Red-breasted.	- - - - -	<i>Son. Voy. pl.</i> 21.	— 657.
29. Sanguine.	- - - - -	<i>Son. Voy. pl.</i> 20.	— 657.
30. Malacca.	- - - - -	- - - - -	— 661.

\* \* LONG



### \*\* LONG AND CUNEIFORM TAILS.

LATH. SYN.

31. Amboina. - - - Brif. i. pl. 9. f. 3. IV. 665.  
32. Bantam. - - Mus. Carlf. fasc. iii. t. 67. }  
Index Orn. ii. 615. }

ORDER V. GALLINACEOUS.

XXIX.

PEACOCK.

1. Crested. - - - - *Pl. Enl.* 433. 434. IV. 668. *pl.* 60.

## XL.

TURKEY.

1. Horned. - - - - - *Edw. pl.* 16. — 680.

## XLI.

PHEASANT.

1. Wild Cock. - *Son. Voy. Ind.* ii. *pl.* 94. 95. — 698.  
2. Colored. - - - - - VII. 210.  
3. Impeyan. - - - - - — 208. *pl.* 114.

## XLII.

PARTRIDGE.

- |                   |           |                       |           |                       |
|-------------------|-----------|-----------------------|-----------|-----------------------|
| 1. Ceylon.        | - - - - - | <i>Ind. Zool.</i>     | IV. 758.  | VII. 122.             |
| 2. Francolin.     | - - - - - | <i>Edw. pl.</i>       | 246.      | — 759.                |
| 3. Hackled.       | - - - - - | - - - - -             | - - - - - | — 766. <i>pl.</i> 66. |
| 4. Red.           | - - - - - | <i>Pl. Enl.</i>       | 150. 231. | — 767.                |
| 5. Gingi.         | - - - - - | - - - - -             | - - - - - | — 773.                |
| 6. Pondicherri.   | - - - - - | - - - - -             | - - - - - | — 774.                |
| 7. Fasciated.     | - - - - - | - - - - -             | - - - - - | — 221.                |
| 8. Asiatic.       | - - - - - | <i>Index Orn.</i>     | ii. 649.  | - - - - -             |
| 9. Indian.        | - - - - - | - - - - -             | - - - - - | — 752. 20.            |
| 10. Javan.        | - - - - - | <i>Brown Ill. pl.</i> | 17.       | — 775.                |
| 11. Common Quail. | - - - - - | <i>Pl. Enl.</i>       | 170.      | — 779.                |
| 12. Chinese.      | - - - - - | <i>Edw. pl.</i>       | 247.      | — 783.                |
| 13. Noisy.        | - - - - - | <i>Will. Orn. pl.</i> | 29.       | — 787.                |
| 14. Coromandel.   | - - - - - | - - - - -             | - - - - - | — 789.                |
| 15. Manilla.      | - - - - - | <i>Son. Voy. pl.</i>  | 24.       | — 790.                |
|                   |           | M                     |           | 16. Cambaian.         |

LATH. SYN.

16. Cambaian. - - - - *Index Orn.* ii. 655.

\* TRIDACTYLOUS.

1. Luzonian. - - - - - *Son. Voy. pl. 23. IV. 792.*

## XIII.

BUSTARD.

1. Indian. - - - - - *Edw. pl.* 250. — 804.  
2. Passarage. - - - - - - - - - VII. 228.  
3. White-chinned. - - - *Mill. Ill. pl.* 33. IV. 806.

## XLIV.

## CASUARY.

1. Galeated. - - - - *Pl. Enl.* 313. *V.* 10. *pl.* 72.

## DIV. II. WATER FOWL.

ORDER. VII. CLOVEN-FOOTED.

## XLV.

SPoon-BILL.

- i. Luzonian. -      *Son. Voy.* pl. 51. Index }  
                                     Orn. ii. 668. β. }

## XLVI.

JABIRU.

1. Indian. - - - - - VII. 231.

\* C R A N E S.

## XLVII.

HERON.

- |                    |       |                             |           |
|--------------------|-------|-----------------------------|-----------|
| 1. Siberian Crane. | - - - | <i>Pallas It.</i> ii. t. 1. | V. 37.    |
| 2. Indian Crane.   | - - - | <i>Edw.</i> 45.             | — 38. 39. |
| 3. Common Crane.   | - - - | <i>Pl. Enl.</i> 769.        | — 40.     |

8

#### 4. Japan

		LATH. SYN.
4. Japan Crane.	- - - - -	V. 42.
5. Gigantic.	- - - - -	— 45. VII. 232. pl. 115.

\*\* HERONS.

6. Philippine Heron.	- - -	Pl. Enl. 898.	— 72.
7. Coromandel.	- - -	Pl. Enl. 910.	— 75. A.
8. Cinnamon.	- - -	- - -	— 77.
9. Malacca.	- - -	Pl. Enl. 911.	— 78.
10. Violet.	- - -	Pl. Enl. 906.	— 97.
11. Louhaujung.	- - -	- - -	VII. 238.
12. Yellow-necked.	- - -	- - -	— 239.

\*\*\* BEC-OUVERTS.

13. Pondicherry.	- - -	Pl. Enl. 932.	V. 101.
14. Coromandel.	-	Son. Voy. Ind. ii. pl. p. 219.	— 102.

XLVIII.

IBIS.

1. White-headed.	- - -	Ind. Zool.	— 116.
2. Manilla.	- - -	Son. Voy. pl. 47.	— 117.
3. Black-headed.	- - -	- - -	VII. 240.

XLIX.

CURLEW.

1. Luzonian.	- - -	Son. Voy. pl. 48.	V. 122.
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L.

SNIPE.

1. Woodcock?	- - -	Br. Zool.	— 129.
2. Common Snipe.	- - -	Br. Zool.	— 134.
3. Cape.	- - -	- - -	VII. 244. E.
4. Bengal.	- - -	Albin. iii. pl. 90.	V. 140. D.
5. Madras.	- - -	Raii Syn. t. 1. f. 2.	— 141.

M 2

6. White

LATH. SYN.

6. White Indian. - - - - - V. 141.

## LI.

SAND-PIPER. 1. Goa. - - - - - *Pl. Enl.* 807. — 165.

## LII.

PLOVER. 1. Golden? - - - - - *Br. Zool.* — 193.  
 2. Long-legged. - - - - - *Br. Zool.* — 195. VII. 252.  
 3. Philippine. - - - - - *Son. Voy. pl.* 46. — 205. C.  
 4. Wattled. - - - - - *Pl. Enl.* 880. — 216.  
 5. Indian. - - - - - VII. 254.

## LIII.

RUNNER. 1. Coromandel Pl. - - - - - *Pl. Enl.* 892. V. 217.  
 CURSORIUS.  
 LATHAM *Index*,  
 ii. 751.

## LIV.

PRATINCOLE. 1. Maldivian. - - - - - — 224.  
 2. Coromandel. - - - - - — *ibid.*  
 3. Madras. - - - - - — *ibid.*

## LV.

RAIL. 1. Philippine. - - - - - *Pl. Enl.* 774. — 230.  
 2. Striated Ph. - - - - - *Bris. v. pl.* 14. f. 2. — 232. C.  
 3. Dusky. - - - - - — 232. B.  
 4. Banded. - - - - - *Bris. v. pl.* 15. f. 1. — 233.  
 5. Brown. - - - - - *Pl. Enl.* 773. — *ibid.*  
 6. Ceylon. - - - - - *Brown Ill. pl.* 37. — 235.

## LVI.

JACANA. 1. Luzonian. - - - - - *Son. Voy. pl.* 45. — 245.  
 2. Indian. - - - - - VII. 257.

LVII. GALLINULE.

LVII.

GALLINULE.

1. Madras. - - - - *Raii Syn. t. i. f. 4.*
2. Purple. - - - - - *Edw. pl. 87.*
3. Green. - - - - -
4. Red-tailed. - - - - - *Ind. Zool.*
5. Crested. - - - - -

LATH. SYN.

- V. 253.  
— 254.  
— 257.  
— 259.  
— 267.

ORDER VIII. PINNATED FEET.

LVIII.

GREBE.

1. Little. - - - - - *Pl. Enl. 945.* — 290. A.

ORDER IX. WEB-FOOTED.

LIX.

ALBATROS.

1. Wandering. - - - - - *Edw. pl. 88.* — 304.

LX.

SKIMMER.

1. Black. - - - - - *Pl. Enl. 357.* VI. 347.

LXI.

TERN.

1. Caspian. - - - - - *Index Orn. ii. 804. β.*
2. Philippine. - - - - - *Son. Voy. pl. 85.* VII. 267.
3. Panayan. - - - - - *Son. Voy. pl. 84.* VI. 363.
4. White. - - - - - *Portlock Voy. pl. p. 312.* — 363. VII. 266.

LXII.

PETREL.

1. Stormy. - - - - - *Edw. pl. 90.* — 411.

LXIII.

DUCK.

1. Chinese? - - - - - *Pl. Enl. 374.* — 447.
2. Black-backed. - - - - - *Ind. Zool.* — 449.

3. Barred-

			LATH. SYN.
3.	Barred-head.	- - - - -	VII. 177.
4.	Greyhead.	- - - <i>Brown Ill. pl. 41.</i>	42. VI. 458.
5.	Spotted-bill.	- - - - -	<i>Ind. Zool.</i> — 487.
6.	Falcated.	- - - - -	<i>Pl. Enl.</i> 930. — 517. A.
7.	Pink-headed.	- - - - -	VII. 276. <i>pl. 119.</i>
8.	Coromandel.	- - - <i>Pl. Enl.</i>	949. 950. VI. 556.
9.	Manilla.	- - - - -	<i>Son. Voy. t. 54.</i> — 557.

LXIV.  
PELECAN.

1.	White.	- - - - -	<i>Edw. pl. 92.</i> — 575.
2.	Roseate.	- - - - -	<i>Son. Voy. pl. 54.</i> — 579.
3.	Manilla.	- - - - -	<i>Son. Voy. pl. 53.</i> — 583.
4.	Philippine.	- - - - -	<i>Bris. vi. pl. 46.</i> — 583.

LXV.  
DARTER.

1.	Black-bellied.	- - - - -	<i>Ind. Zool.</i> — 624.
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CLASS

## CLASS III. AMPHIBIA.

## ORDO I. REPTILIA.

## GENUS.

## I.

## TESTUDO.

IMBRICATA.	- - - - -	Seb. Mus. i. tab. 80. fig. 9.
Squamata.	- - - - -	Bont. Java. 82.
Lutaria.	- - - - -	Aman. Acad. i. p. 139. N° 23.
Serpentina.	- - - - -	Mus. Ad. Fr. 2. p. 36.
Indica.	- - - - -	Schneid. Schild. p. 355. N° 14.

## II.

## RANA.

Gibbosa.	- - - - -	Seb. Mus. i. tab. 71. fig. 4. 5.
Ventricosa.	- - - - -	Seb. Mus. i. tab. 74. fig. 1.
Venulosa.	- - - - -	Seb. Mus. i. tab. 72. fig. 4.
Marginata.	- - - - -	Mus. Ad. Fr. i. p. 47.

## III.

## DRACO.

Volans.	- - - - -	Seb. Mus. ii. tab. 86. fig. 3.
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## IV.

## LACERTA.

Gangetica.	- - - - -	Edw. Aet. Ang. 49. p. 639. t. 19.
Monitor.	- - - - -	Seb. Mus. ii. tab. 86. fig. 2. 2.
Bicarinata.		
Mauritanica.	- - - - -	β. Seb. Mus. i. tab. 108. fig. 2. 7.
Iguana.	- - - - -	Seb. Mus. i. tab. 95. fig. 1. 2.
Calotes.	- - - - -	Seb. Mus. i. tab. 86. fig. 6.

Superciliofa.

## FAUNULA INDICA.

Superciliofa.	- - - - -	Seb. Mus. i. tab. 94. fig. 4.
Scutata.	- - - - -	Seb. Mus. i. tab. 109. fig. 3. 4.
Amboinensis, & Var. $\beta$ .		
Lacustris.	- - - - -	$\gamma$ . Seb. Mus. ii. tab. 12. fig. 7.
Vittata.	- - - - -	Houtt. Aët. Uliſſing. 9. t. 2.
Gecho.	- - - - -	Forſk. Fn. Arab. p. 13. N° 4.
Chamæleon.	- - - - -	Seb. Mus. i. tab. 82. fig. 2. 4. 5.
Agilis.	- - - - -	Seb. Mus. ii. tab. 79. fig. 5.
Tequixin.	- - - - -	Seb. Mus. i. tab. 96. fig. 1.
Plica.		
Serpens.		
Bipes.	- - - - -	Seb. Mus. i. tab. 53. fig. 8.

## ORDO II. SERPENTES.

V.		
BOA.	Hipnale.	- - - - - Seb. Mus. ii. tab. 34. fig. 2.
	Constrictor.	- - - - - Seb. Mus. i. tab. 36. fig. 5.
VI.		
COLUBER.	Clotho.	- - - - - Seb. Mus. ii. tab. 93.
	Lutrix.	
	Plicatilis.	- - - - - Seb. Mus. ii. tab. 57. fig. 5.
	Alidras.	
	Buccatus.	- - - - - Mus. Ad. Fr. i. tab. 19. fig. 3.
	Javanus.	- - - - - Seb. Mus. i. tab. 10. fig. 2.
	Berus.	- - - - - $\beta$ . $\delta$ . Seb. Mus. ii. tab. 9. fig. 8.
	Typhlus.	
	Reginæ.	- - - - - Mus. Ad. Fr. i. tab. 13. fig. 3.
	Æsculapii.	- - - - - Mus. Ad. Fr. i. tab. 11. fig. 2.
	Rhombeatus.	- - - - - Mus. Ad. Fr. i. tab. 24. fig. 2.
	Miliaris.	- - - - - Mus. Ad. Fr. i. p. 27.
	Albus.	- - - - - Mus. Ad. Fr. i. p. 24. t. 14. fig. 2.
	Agilis.	- - - - - Mus. Ad. Fr. i. tab. 21. fig. 2.



Lacteus.	- - - - -	Muf. Ad. Fr. i. tab. 18. fig. 1.
Pallidus.	- - - - -	Ibid. tab. 7. fig. 2.
Cæcus.	- - - - -	Seb. Muf. ii. tab. 90. fig. 1.
Naja.	- - - - -	Seb. Muf. i. tab. 44. fig. 1.
Padera.	- - - - -	Muf. Ad. Fr. ii. p. 44.
Canus.	- - - - -	Muf. Ad. Fr. i. p. 31. t. 11. fig. 1.
Zeylonicus.	- - - - -	Seb. Muf. i. tab. 100. fig. 4.
Laticaudatus.	- - - - -	Muf. Ad. Fr. i. tab. 16. fig. 1.
Atrox.	- - - - -	β. Seb. Muf. i. tab. 43. fig. 4. 5.
Saturninus.	- - - - -	Muf. Ad. Fr. i. tab. 9. fig. 1.
Candidus.	- - - - -	Ibid. tab. 7. fig. 1.
Scaber.	- - - - -	Ibid. tab. 10. fig. 1.
Carinatus.	- - - - -	
Exoletus.	- - - - -	Ibid. tab. 10. fig. 2.
Trifcalis.	- - - - -	
Pelias.	- - - - -	
Ocellatus.	- - - - -	Seb. Muf. ii. tab. 1. fig. 3. 8.
Hitambocia.	- - - - -	Seb. Muf. i. tab. 33. fig. 6.
Tigrinus.	- - - - -	Seb. Muf. ii. tab. 15. fig. 2.
Molurus.	- - - - -	
Ahætulla.	- - - - -	Catefb. Car. ii. tab. 47.
Petalarius.	- - - - -	Muf. Ad. Fr. i. tab. 9. fig. 2.
Filiformis.	- - - - -	Ibid. tab. 17. fig. 2.
Minervæ.	- - - - -	Ibid. p. 36.
Cinereus.	- - - - -	Ibid. p. 37.
Mucosus.	- - - - -	Ibid. tab. 23. fig. 1.
Cærulefcens.	- - - - -	Ibid. tab. 20. fig. 2.

## VII.

## ANGUIS.

Meleagris.	- - - - -	Seb. Muf. ii. tab. 21. fig. 4.
Scytaie.	- - - - -	Ibid. tab. 2. fig. 1. 4.
Ater.	- - - - -	Ibid. tab. 73. fig. 3.

## VIII.

## CÆCILIA.

Tentaculata.	- - - - -	Ibid. tab. 25. fig. 2.
Glutinosa.	- - - - -	Muf. Ad. Fr. i. tab. 4. fig. 1.

N

CLASSIS



## CLASSIS IV. PISCES.

## ORDO I. BRANCHIOSTEGI.

## GENUS.

## I.

## OSTRACION.

## TRIQUETER.

Trigonus.	- - - - -	Seb. Mus. iii. tab. 24. fig. 6. 12.
Bicaudalis.	- - - - -	Artedi Gen. 56. syn. 85.
Tricornis.	- - - - -	Seb. Mus. iii. tab. 24. fig. 3.
Quadricornis.	- - - - -	Edw. Glean. tab. 284. fig. 1.
Cornutus.	- - - - -	Will. Ichth. t. I. 13. fig. 1.
Tuberculatus.	- - - - -	Artedi Gen. 55. syn. 84.
Cubicus.	- - - - -	Seb. Mus. iii. tab. 24. fig. 4. 5.

## II.

## TETRODON.

Testudineus.	- - - - -	Amæn. Acad. i. tab. 14. fig. 3.
Electricus.	- - - - -	Aët. Ang. lxxvi. p. 382. tab. 13.
Oblongus.	- - - - -	Bloch. Aufl. Fisch. ii. t. 146. fig. 1.
Rostratus.	- - - - -	Ibid. fig. 2.
Hispidus.	- - - - -	Amæn. Acad. iv. p. 207. N° 23.

## III.

## SYNGNATHUS.

Tetragonus.	- - - - -	Bloch. Aufl. Fisch. i. t. 121. fig. 1.
Hippocampus.	- - - - -	Will. Ichth. tab. I. 25.

## IV.

## PEGASUS.

Draconis.	- - - - -	Gron. Zooph. tab. 12. fig. 2. 3.
Volans.	- - - - -	Mus. Ad. ii. p. 56.
Natans.	- - - - -	Bloch. Aufl. Fisch. i. t. 121. fig. 2. 3.

## V.

CENTRISCUS.	Scutatus.	- - - - -	Gron. Mus. ii. tab. 7. fig. 3.
	Valitaris.	- - - - -	Pall. Spic. Zool. viii. tab. 4. fig. 8.

## VI.

BALISTES.	Tomentosus.	- - - - -	Gron. Mus. i. tab. 6. fig. 5.
	Verrucosus.	- - - - -	Mus. Ad. Fr. i. tab. 27. fig. 4.
	Biaculeatus.	- - - - -	Will. Ichth. App. tab. 10. fig. 2.
	Aculeatus.	- - - - -	Seb. Mus. iii. tab. 24. fig. 15.
	Vetula.	- - - - -	Catesb. Carol. ii. tab. 22.
	Caprifiscus.	- - - - -	Seb. Mus. iii. tab. 24. fig. 16.
	Punctatus.	- - - - -	Nieubof. Ind. ii. p. 275.
	Kleinii.	- - - - -	Klein. Miff. Pisc. iii. tab. 3. fig. 12.

## VII.

CYCLOPTERUS.	Lumpus.	- - - - -	β. γ. Brit. Zool. iii. p. 103. N° 1.
	Nudus.	- - - - -	Mus. Ad. Fr. i. tab. 27. fig. 1.

## ORDO II. CHONDROPTERYGII.

## VIII.

SQUALUS.	Catulus.	- - - - -	Brit. Zool. iii. p. 90. N° 9.
	Tigrinus.	- - - - -	Seb. Mus. iii. tab. 34. fig. 1.
	Glaucus.	- - - - -	Brit. Zool. iii. p. 84. N° 5.
	Canicula.	- - - - -	Brit. Zool. iii. p. 88. N° 8.
	Zygæna.	- - - - -	Rondel. Pisc. i. p. 389.
	Acanthias.	- - - - -	Brit. Zool. iii. p. 77. N° 2.
	Indicus.	- - - - -	Gron. Mus. i. N° 133.

## IX.

RAJA.	Pastinaca.	- - - - -	Brit. Zool. iii. p. 71. N° 6.
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## ORDO III.

## ORDO III. APODES.

## X.

MURÆNA.	Colubrina.	-	-	-	-	-	-	-	<i>Pall. n. nord. Beytr. ii. t. 2. fig. 3.</i>
	Anguilla.	-	-	-	-	-	-	-	<i>Brit. Zool. iii. p. 142. N° 12.</i>

## XI.

GYMNOTUS.	Notopterus.	-	-	-	-	-	-	-	<i>Pall. Spicil. Zool. vii. tab. 6. fig. 2.</i>
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## XII.

TRICHIURUS.	Indicus.	-	-	-	-	-	-	-	<i>Will. Ichth. App. tab. 3. fig. 3.</i>
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## XIII.

OPHIDIUM.	Aculeatum.	-	-	-	-	-	-	-	<i>Will. Ichth. App. tab. 10. fig. 1.</i>
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## ORDO IV. JUGULARES.

## XIV.

CALLIONYMUS.	Ocellatus.	-	-	-	-	-	-	-	<i>Pall. Spic. Zool. viii. tab. 4. fig. 13.</i>
	Sagitta.	-	-	-	-	-	-	-	<i>Ibid. fig. 4. 5.</i>

## XV.

GADUS.	Lota.	-	-	-	-	-	-	-	<i>Brit. Zool. iii. p. 163. N° 14.</i>
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## XVI.

BLENNIUS.	Cristatus.	-	-	-	-	-	-	-	<i>Gron. Mus. i. N° 75.</i>
	Cornutus.								
	Fasciatus.	-	-	-	-	-	-	-	<i>Bloch. Aufl. Fisch. ii. t. 162. fig. 1.</i>
	Superciliofus.	-	-	-	-	-	-	-	<i>Gron. Mus. ii. tab. 5. fig. 5.</i>
	Mustelaris.								

## XVII. KURTUS.

## XVII.

KURTUS. Indicus. - - - - - *Bloch. Aufl. Fisch. ii. tab. 169.*

## ORDO V. THORACICI.

## XVIII.

ECHENEIS. Neucrates. - - - - - *Seb. Mus. iii. tab. 33. fig. 2.*

## XIX.

CORYPHÆNA. Pentadactyla. - - - - - *Bloch. Aufl. Fisch. ii. t. 173.*  
 Fasciolata. - - - - - *Pall. Spicil. Zool. viii. tab. 3. fig. 2.*  
 Velifera. - - - - - *Ibid. fig. 1.*

## XX.

GOBIUS. Schlofferi. - - - - - *Ibid. tab. 1. fig. 1. 4.*  
 Bodærti. - - - - - *Ibid. tab. 2. fig. 4. 5.*  
 Cyprinoïdes. - - - - - *Ibid. tab. 1. fig. 5.*

## XXI.

COTTUS. Grunniens. - - - - - *Seb. Mus. iii. tab. 23. fig. 4.*  
 Scaber. - - - - - *Bloch. Aufl. Fisch. ii. tab. 180.*  
 Monopterigius. - - - - - *Bloch. Aufl. Fisch. ii. t. 178. fig. 1. 2.*

## XXII.

SCORPÆNA. Horrida. - - - - - *Gron. Zooph. tab. 11. 12. 13. fig. 1.*  
 Volitans. - - - - - *Will. Ichth. App. tab. 2. fig. 3.*  
 Antennata. - - - - - *Bloch. Aufl. Fisch. iii. t. 185.*  
 Didactyla. - - - - - *Pall. Spic. Zool. vii. tab. 4. fig. 1. 3.*

## XXIII.

ZEUS. Infidiator. - - - - - *Bloch. Aufl. Fisch. iii. tab. 192. fig. 2. 3.*  
 Gallus. - - - - - *Seb. Mus. iii. tab. 26. fig. 34.*  
 Ciliaris. - - - - - *Bloch. Aufl. Fisch. tab. 191.*

## XXIV. PLEURONECTES.

## XXIV.

PLEURONEC-	Tricodactylus.	- - - - -	<i>Art. Gen.</i> 18. <i>syn.</i> 33. <i>sp.</i> 60.
TES.	Zebra.	- - - - -	<i>Bloch. Aufl. Fisch.</i> iii. <i>tab.</i> 181.

## XXV.

CHÆTODON.	Canescens.	- - - - -	<i>Seb. Musf.</i> iii. <i>tab.</i> 25. <i>fig.</i> 7.
	Acuminatus.	- - - - -	<i>Musf. Ad. Fr.</i> i. <i>tab.</i> 33. <i>fig.</i> 3.
	Pinnatus.	- - - - -	<i>Ibid.</i> <i>fig.</i> 6.
	Cornutus.	- - - - -	<i>Seb. Musf.</i> iii. <i>tab.</i> 25. <i>fig.</i> 6.
	Argentæus.	- - - - -	<i>Amæn. Acad.</i> iv. <i>p.</i> 249.
	Roltratus.	- - - - -	<i>Ibid.</i> <i>fig.</i> 17.
	Orbis.	- - - - -	<i>Bloch. Aufl. Fisch.</i> iii. <i>tab.</i> 102. <i>fig.</i> 2.
	Nigricans.	- - - - -	<i>Atf. Angl.</i> 1784. ii. <i>tab.</i> 12.
	Lineatus.	- - - - -	<i>Seb. Musf.</i> <i>tab.</i> 25. <i>fig.</i> 1.
	Triostegus.	- - - - -	<i>Broussonet Ichth.</i> Dec. i. <i>t.</i> 4.
	Macrolepidotus.	- - - - -	<i>Seb. Musf.</i> iii. <i>t.</i> 25. <i>f.</i> 8.
	Argus.	- - - - -	<i>Will. Ichth. App.</i> <i>p.</i> 2. <i>t.</i> 2. <i>f.</i> 2.
	Striatus.	- - - - -	<i>Seb. Musf.</i> iii. <i>tab.</i> 25. <i>fig.</i> 9.
	Arcuanus.	- - - - -	<i>Ibid.</i> <i>tab.</i> 26. <i>fig.</i> 23.
	Vagabundus.	- - - - -	<i>Ibid.</i> <i>tab.</i> 5. <i>fig.</i> 18.
	Ciliaris.	- - - - -	<i>Edw. Glean.</i> <i>tab.</i> 283. <i>fig.</i> 4.
	Saxatilis.	- - - - -	<i>Bloch. Aufl. Fisch.</i> iii. <i>t.</i> 206. <i>fig.</i> 2.
	Rotundus.	- - - - -	<i>Musf. Ad. Fr.</i> i. <i>p.</i> 64.
	Lanceolatus.	- - - - -	<i>Edw. Av.</i> <i>tab.</i> 210.
	Dux.	- - - - -	<i>Bloch. Aufl. Fisch.</i> iii. <i>tab.</i> 195.
	Pavo.	- - - - -	<i>Ibid.</i> <i>tab.</i> 198. <i>fig.</i> 1.
	Vespertilio.	- - - - -	<i>Ibid.</i> <i>tab.</i> 199. <i>fig.</i> 2.
	Unimaculatus.	- - - - -	<i>Ibid.</i> <i>tab.</i> 201. <i>fig.</i> 1.
	Bicolor.	- - - - -	<i>Ibid.</i> <i>tab.</i> 206. <i>fig.</i> 1.
	Ocellatus.	- - - - -	<i>Ibid.</i> <i>tab.</i> 211. <i>fig.</i> 2.
	Bengalensis.	- - - - -	<i>Ibid.</i> <i>tab.</i> 213. <i>fig.</i> 2.
	Octofasciatus.	- - - - -	<i>Ibid.</i> <i>tab.</i> 215. <i>fig.</i> 1.
	Annularis.	- - - - -	<i>Ibid.</i> <i>tab.</i> 215. <i>fig.</i> 2.
	Faber.	- - - - -	<i>Ibid.</i> <i>tab.</i> 212. <i>fig.</i> 2.
	Teira.	- - - - -	<i>Ibid.</i> <i>tab.</i> 199. <i>fig.</i> 1. <i>Forfk. Fn. Arab.</i> <i>p.</i> 60. N° 82.

## XXVI. SPARUS.

## XXVI.

SPARUS.	Infidiator.	- - - - -	-	<i>Pall. Spic. Zool. tab. 5. fig. 1.</i>
	Palpebratus.	- - - - -	-	<i>Pall. n. nord. Beytr. ii. t. 4. fig. 1. 2.</i>
	Spinus.	- - - - -	-	<i>Mus. Ad. Fr. ii. p. 74 *.</i>

## XXVII.

SCARUS.	Schlosseri.	- - - - -	-	<i>Pall. Spic. Zool. viii. p. 41.</i>
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## XXVIII.

LABRUS.	Lunaris.	- - - - -	-	<i>Gron. Mus. ii. tab. 6. fig. 2.</i>
	Trichopterus.	- - - - -	-	<i>Pall. Spic. Zool. viii. p. 45.</i>
	Zeylanicus.	- - - - -	-	<i>Ind. Zool. tab. 13. fig. 3.</i>
	Ferrugineus.			
	Paroticus.	- - - - -	-	<i>Mus. Ad. Fr. ii. p. 76.</i>
	Linearis.	- - - - -	-	<i>Amæn. Acad. i. p. 315.</i>

## XXIX.

PERCA.	Polymna.	- - - - -	-	<i>Seb. Mus. iii. tab. 26. f. 20. 24.</i>
	Cottoides.	- - - - -	-	<i>Mus. Ad. Fr. ii. p. 84.</i>
	Stigma.			
	Radula.	- - - - -	-	<i>Amæn. Acad. i. p. 313.</i>

## XXX.

TRIGLA.	Minuta.			
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## ORDO VI. ABDOMINALES.

## XXXI.

SILURUS.	Afcita.	- - - - -	-	<i>Mus. Ad. Fr. i. p. 79. t. 30. fig. 2.</i>
	Costatus.	- - - - -	-	<i>Gron. Mus. ii. tab. 5. fig. 1. 2.</i>

## XXXII.

TEUTHIS.	Hepatus.	- - - - -	-	<i>Catefb. Carol. ii. tab. 1. fig. 1.</i>
	Java.	- - - - -	-	<i>Valent. Ind. iii. p. 339. fig. 410.</i>
	§			XXXIII. SALMO.



# F A U N U L A I N D I C A.

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## XXXIII.

SALMO. Gasteropelecus. - - - - - *Pall. Spic. Zool. viii. t. 3. fig. 4. 5.*  
 Anostomus. - - - - - *Gron. Mus. ii. tab. 7. fig. 2.*

## XXXIV.

FISTULARIA. Chinenfis. - - - - - *Pet. Gaz. tab. 68. fig. 1.*  
 Paradoxa. - - - - - *Pall. Spic. Zool. viii. tab. 4. fig. 6.*

## XXXV.

ESOX. Brasiliensis. - - - - - *Brown Jam. tab. 45. fig. 2.*  
 Gymnocephalus.

## XXXVI.

POLYNEMUS. Paradiseus. - - - - - *Edw. Av. tab. 208.*

## XXXVII.

CLUPEA. Thriffa. - - - - - *Brousson. Ichth. i. tab. 10.*  
 Mystus. - - - - - *Amæn. Acad. v. tab. . fig. 12.*

## XXXVIII.

CYPRINUS. Tinca. - - - *Brit. Zool. iii. p. 306. N° 3. Will. Ichth. t. 2. 5.*

O

CLASSIS



CLASSIS V. INSECTA.

ORDO I. ELEUTERATA.

LUCANUS. **A**LCES. - *Fab. Sp. Inf.* N° 1. *Petiv. Gazoph.* - *tab.* 47. *f.* 15.  
*Gazella.* - *Fab. Mantif. p.* 1. *Oliv. Coleopt.* (Lucan.) *pl.* 4. *f.* 13. a. b.  
*Lama.* - - - - - - - - - - *pl.* 3. *f.* 8.  
*Carinatus.* - - *Lin. S. N.* N° 5.

SCARABÆUS.	Alcides.	-	Fab. Sp. Inf. N° 2.	Oliv. Col. (Scar.)	-	pl. 1. f. 2.
	Gideon.	Lin.	- - - - -	3.	- - - - -	pl. 11. f. 102.
	Centaurus.	-	- - - - -	4.	- - - - -	pl. 11. f. 104.
	Oromedon.	-	- - - - -	5.	- - - - -	pl. 18. 165.
	Ægeon.	-	- - - - -	6.	- - - - -	pl. 26. f. 119.
	Dichotomus.	Lin.	- - - - -	9.	- - - - -	pl. 17. f. 156.
	Claviger.	-	- - - - -	10.	- - - - -	pl. 5. f. 40. a. β.
	Pan.	-	- - - - -	12.	- - - - -	pl. 5. f. 35. pl. 23. f. 30. β.
	Simfon.	-	- - - - -	19.	- - - - -	pl. 15. f. 142.
	Geryon.	-	- - - - -	25.	- - - - -	pl. 24. f. 208.
	Quadrifpinofus.	-	- - - - -	36.	- - - - -	pl. 19. f. 179.
	Quadridens.	-	- - - - -	37.	- - - - -	pl. 12. f. 108. a. b.
	Enema.	-	Fab. Mant. Inf. N° 12.			
	Rhinoceros.	L.	Fab. Sp. Inf. N° 40.	- - - - -		pl. 18. f. 166.
	Coronatus.	-	- - - - -	N° 47.	- - - - -	pl. 12. f. 110.

O 2

Hircus.

## FAUNULA INDICA.

Hircus.	-	<i>Fab. Sp. Inf.</i>	N° 52.						
Piceus.	-	-	-	-	-	55.	<i>Oliv. Col. (Scar.)</i>	<i>pl. 24. f. 211.</i>	
Aygulus.	-	-	-	-	-	57.	-	<i>pl. 13. f. 120.</i>	
								<i>&amp; pl. 4. f. 28.</i>	
								<i>a. b.</i>	
Analus.	-	<i>Fab. Mant. Inf.</i>	64.						
Unifasciatus.	-	<i>Gmel. Lin.</i>	N° 182.	<i>Schall. Hall. Naturf.</i>				<i>1. p. 240.</i>	
Scaber.	L.	-	<i>Fab. Spec. Inf.</i>	72.	<i>Oliv. Col.</i>	-	-	<i>pl. 23. f. 1. c.</i>	
Pygmæus.	-	-	<i>Gmel. Lin.</i>	186.	<i>Sch. H. Nat.</i>	-	-	<i>f. 1. p. 239.</i>	
Longimanus.	L.	-	<i>Fab. Sp. Inf.</i>	73.	<i>Oliv. Col.</i>	-	-	<i>pl. 4. f. 27.</i>	
Veter.	-	-	<i>Mant. App.</i>	p. 377.					
Barbatus.	-	-	<i>Spec. Inf.</i>	N° 83.					
Marginellus.	-	-	-	-	-	88.	-	<i>pl. 13. f. 116.</i>	
								<i>a. b.</i>	
Sabæus.	-	-	-	-	-	99.	-	<i>pl. 9. f. 85.</i>	
Pithecius.	-	-	-	-	-	102.	-	<i>pl. 9. f. 73.</i>	
Seniculus.	-	-	-	-	-	103.	-	<i>pl. 7. f. 56. a. b.</i>	
Ammon.	-	-	-	-	-	105.	-	<i>pl. 12. f. 111.</i>	
Rhadamiftus.	-	-	-	-	-	109.	-	<i>pl. 14. f. 136.</i>	
								<i>a. b.</i>	
Lar.	-	-	-	<i>Mantiff. Inf.</i>	124.				
Bifasciatus.	-	-	-	<i>Spec. Inf.</i>	111.	-	-	<i>pl. 13. f. 119.</i>	
								<i>a. b.</i>	
Capucinus.	-	-	-	-	-	113.	-	<i>pl. 2. f. 12. pl.</i>	
								<i>25. f. 12. b.</i>	
Boas.	-	-	-	<i>Mant. Inf.</i>	129.				
Bonafus.	-	-	-	<i>Spec. Inf.</i>	114.	-	-	<i>pl. 6. f. 43. a—</i>	
								<i>c.</i>	
Bucephalus.	-	-	-	-	-	117.	-	<i>pl. 4. f. 26. pl.</i>	
								<i>10. f. 92. b.</i>	
Lancifer.	L.	-	-	-	-	119.	-	<i>pl. 4. f. 32.</i>	
Spinifey.	-	-	-	-	-	131.	-	<i>pl. 12. f. 112.</i>	
Ericator.	-	-	-	<i>Mant. Inf.</i>	140.				
Miliaris.	-	-	-	<i>Sp. Inf.</i>	141.	-	-	<i>pl. 18. f. 164.</i>	
Koenigii.	-	-	-	-	-	145.	-	<i>pl. 9. f. 77.</i>	
Pallipes.	-	-	-	-	-	153.			

Æneus.

<i>Æneus</i> .	- - -	<i>Sp. Inf.</i> 156.	<i>Oliv. Coleop.</i> (Scar.)	<i>pl.</i> 14. <i>f.</i> 128. a. b.
<i>Catta</i> .	- -	<i>Fab. Mant.</i> N° 115.	- - - - -	<i>pl.</i> 23. <i>f.</i> 201.
<i>Augias</i> .	- - - - -	- - - - -	- - - - -	<i>pl.</i> 24. <i>f.</i> 212.
<i>Metampus</i> .	- - - - -	- - - - -	- - - - -	<i>pl.</i> 17. <i>f.</i> 159.
<i>Tullius</i> .	- - - - -	- - - - -	- - - - -	<i>pl.</i> 19. <i>f.</i> 88. b. & <i>pl.</i> 11. <i>f.</i> 98.
<i>Hesperus</i> .	- - - - -	- - - - -	- - - - -	<i>pl.</i> 14. <i>f.</i> 129.
<i>Sinuatus</i> .	- - - - -	- - - - -	- - - - -	<i>pl.</i> 21. <i>f.</i> 189. & <i>pl.</i> 10. <i>f.</i> 93.
<i>Erraticus</i> .	-	<i>Lin. S. Nat.</i> N° 29.	<i>Faun. Succ.</i> N° 383.	

**Trox.**     *Horridus*.     -     *Fab. Sp. Inf.* N° 3. *Oliv. Col.* (Trox.) -     *pl.* 1. *f.* 2.

<b>MELOLONTHA.</b>	<i>Serrata</i> .	- - - - -	2.	<i>Oliv. Col.</i> (Melol.)	<i>pl.</i> 1. <i>f.</i> 5.
	<i>Lanigera</i> .	- - - - -	10.	- - - - -	<i>pl.</i> 4. <i>f.</i> 39. a. b.
	<i>Glabrata</i> .	- - - - -	12.	- - - - -	<i>pl.</i> 9. <i>f.</i> 80.
	<i>Dorsalis</i> .	- - - - -	17.	- - - - -	
	<i>Ruficollis</i> .	- - - - -	24.	- - - - -	<i>pl.</i> 9. <i>f.</i> 111.
	<i>Erythrocephala</i> .	- - - - -	28.	- - - - -	<i>pl.</i> 7. <i>f.</i> 80.
	<i>Rauca</i> .	- - - - -	37.	- - - - -	<i>pl.</i> 6. <i>f.</i> 62.
	<i>Ferruginea</i> .	- - - - -	38.	- - - - -	<i>pl.</i> 7. <i>f.</i> 82.
	<i>Proboscidea</i> .	- - - - -	49.	- - - - -	<i>pl.</i> 8. <i>f.</i> 96.
	<i>Podagrica</i> .	- - - - -	52.	- - - - -	<i>pl.</i> 5. <i>f.</i> 51.
	<i>Mutabilis</i> .	- - - - -	60.	- - - - -	<i>pl.</i> 3. <i>f.</i> 24.
	<i>Vittata</i> .	- - - - -	74.	- - - - -	<i>pl.</i> 8. <i>f.</i> 94.
	<i>Candida</i> .	- - - - -	-	- - - - -	N° 8. <i>pl.</i> 8. <i>f.</i> 98.
	<i>Femoralis</i> .	- - - - -	-	- - - - -	41. <i>pl.</i> 9. <i>f.</i> 110.
	<i>Pubescens</i> .	- - - - -	-	- - - - -	57. <i>pl.</i> 6. <i>f.</i> 71.
	<i>Unicolor</i> .	- -	<i>Gmel. Lin.</i> 313.	<i>Fuesl. Arc. Inf.</i> -	7. <i>p.</i> 43. <i>f.</i> 5.
	<i>Ciliatus</i> .	- - - - -	314.	- - - - -	<i>f.</i> 6.
	<i>Sepicola</i> .	- -	<i>Lin. S. Nat.</i> 55.	<i>Mus. Lud. Ulr.</i> -	24.

*Syriacus*.



DERMESTES.	Lardarius. L.	-	Fab. Spec. Inf.	1. Schæf. Ic.	-	-	-	pl. 42. f. 3.
	Pellio.	-	-	-	-	-	-	pl. 42. f. 4.
	Ruficollis.	-	-	-	-	-	-	15. Thunb. N. Sp. Inf. 1. p. 8. f. 7.
	Marginatus.	-	Gmel. Lin.	44.	-	-	-	pl. 7. f. 6.
	Piceus.	-	-	-	-	-	-	p. 8.
	Viridis.	-	-	-	-	-	-	p. 9.

BRUCHUS.	Cacao.	-	-	-	-	N° 6.
	Theobromæ. L.	-	-	-	-	7.
	Anal.	-	-	-	-	9.
	Abdominalis	-	-	-	-	13.

TRITOMA.	Vittata.	-	-	Fab. Mant.	N° 4.
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HISPA.	Bihamata.	-	Lin. S. Nat.	N° 3.
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SILPHA.	Indica. L.	-	Fab. Sp. Inf.	N° 3. Mus. Lud. Utr.	-	38.
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OPATRUM.	Cinereum.	-	-	Gmel. Lin.	11. Fuesl. Arch. Inf.	-	4. tab. 21. A. a.
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COCCINELLA.	Dimidiata.	-	Fab. Sp. Inf.	N° 5.					
	Cingulata.	-	Fab. Mant.	N° 24.					
	Sexmaculata.	-	Spec. Inf.	N° 20.					
	Septempunctata.	L.	-	-	21.	Schæf. Ic.	-	-	tab. 9. f. 7.
	Centumpunctata.	Gmel. Lin.	118.	Fuesl. Arch. Inf.	-	4.	tab. 22.	f. 13.	
	Transversalis.	Fab. Spec. Inf.	24.						
	Sparfa.	-	-	Gmel. Lin.	120.	-	-	-	7. tab. 43. f. 11.
	28-punctata.	-	-	-	48.				
	Minuta.	-	-	-	54.	Thunb. N. Sp. Inf.	I.	p. 11.	

CASSIDA.	8-punctata.	-	Fab. Mant.	N° 18.	
	Marginata. L.	-	Sp. Inf.	N° 25.	Naturforsch. - N° 9. t. 2.
	Dorsata.	-	-	Mantiss.	33.
	Bicornis. L.	-	-	Sp. Inf.	29. Amæn. Ac. - - 6. p. 393. 9.
	Spinifex. L.	-	-	-	31. - - - - - p. 392. 7.
	Trifasciata.	-	-	Mant.	46.
	Annulata.	-	-	Spec. Inf.	39. Naturf. - - - 9. t. 2. f. 6.
	Bipunctata. L.	-	-	-	49.
	Alatrata.	-	Lin. S. Nat.	N° 18.	
	Angustata.	-	Gmel. Lin.	N° 31.	

ALURNUS.	Femoratus.	-	Fab. Sp. Inf.	N° 2.	Drur. Inf. - - 2. tab. 34. f. 5.
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CHRYSOMELA.	14-punctata. L.	-	-	-	13.
	Fervide.	-	-	-	22.
	Udulata. L.	-	-	-	41. Amæn. Ac. - - 6. p. 393. 14.
	Nitida.	-	-	Mant.	N° 64.
	Cruenta.	-	-	Spec. Inf.	82.
	Sternicornis.	-	Gmel. Lin.	147.	Schal. Hall. Nat. 1. t. 1. f. 1.
	Gigas.	-	-	-	153. Fuesl. Arch. Inf. - 4. t. 23. f. 2.
	Indica.	-	-	-	155. - - - - - f. 5.
	Malaccensis.	-	-	-	249. Horn. Sbr. Berl. Nat. 8. t. 1. f. 9.
	Fascicornis. (Altica.)	-	-	-	66. - - - - - f. 1.

CRYPTOCE-	Koenigii.	-	Fab. Sp. Inf.	45.	
PHALUS.	Martinius.	-	Gmel. Lin.	N° 74.	Schal. Hall. Nat. 1. p. 278.
	Peregrinus.	-	-	-	77. Fuesl. Arch. Inf. - 4. t. 23. f. 25.
	Multicolor.	-	-	-	246. Horn. Sbr. Berl. Nat. 8. t. 1. f. 6.
	Sumatranus.	-	-	-	247. - - - - - f. 4.
	Coffeæ.	-	-	-	248. - - - - - f. 7.
	Orientalis.	-	-	-	249. - - - - - f. 3.
	Bataviensis.	-	-	-	250. - - - - - f. 12.
	Javanus.	-	-	-	251. - - - - - f. 2. 5. 8. 11.

CRITELA.



CISTELA. Anālis. - - - *Fab. Sp. Inf.* 8.

CRIOCERIS. Cincta. - - - - - 5.  
 Palliata. - - - - - 6. *Aët. Hall.* - - 1. p. 279.  
 Picta. - - - - - *Mantiff.* 12.  
 Testacea. - - - - - 20.  
 4-pustulata. - - - - - 23.  
 Impressa. - - - - - 24.  
 Abdominalis. - *Gmel. Lin.* 130.  
 Ochracea. - - - - - 180. *Fuessl. Arch. Inf.* - 7. t. 44. f. 9. p. q.

EROTYLUS. Giganteus. L. *Fab. Sp. Inf.* N° 1. *De Geer, Inf.* - 5. tab. 16. f. 8.  
 Longimanus. - *Mant.* N° 11.

LAGRIA. Abdominalis. - *Fab. Mant.* N° 14.  
 Inda. - - *Lin. S. Nat.* N° 121. *Mus. Lud. Ulr.* - 41.

CURCULIO. Palmarum. L. - *Sp. Inf.* N° 1. *Oliv. Col. (Curc.)* - pl. 2. f. 16.  
 Indus. L. - - - - - 5. *De Geer, Inf.* - 5. pl. 15. f. 22.  
 Paganus. - - - - - 6.  
 Hemipterus. L. - - - - - 8. - - - - - pl. 15. f. 25.  
 Melanocardius. L. - - - - - 10. *Sulz. Inf.* - - 4. tab. 4. f. 11.  
 Barbirostris. - - - - - 65. *Seb. Musf.* - - 4. tab. 95. f. 5.  
 Frigidus. *Fab. Mant. App. p.* 381.  
 Mucoreus. L. *Fab. Sp. Inf.* N° 74. *Mus. Lud. Ulr.* - 53.  
 Pusio. L. - - - - - 75. - - - - - 46.  
 Stigma. L. - - - - - 79. - - - - - 48.  
 Hebes. - - - - - 80.  
 Annulatus. L. - - - - - 81. - - - - - 51.  
 Reticulatus. - - - - - 85.  
 Stultus. - - *Mant.* N° 117.  
 Anchoraco. L. - *Spec. Inf.* 118. *De Geer, Inf.* - 5. tab. 15. f. 4.  
 P  
 Argyreus.

Argyreus. L.	-	<i>Spec. Inf.</i>	128.	<i>Muf. Lud. Ulr.</i>	54.
Curvipes.	-	-	<i>Mant.</i>	183.	
Lacerta.	-	-	<i>Spec. Inf.</i>	161.	
Frigidus.	-	<i>Mant. App. p.</i>	381.		
Emeritus. L.	-	<i>Spec. Inf.</i>	190.	-	56.
Cinnamomi.	-	<i>Gmel. Lin.</i>	275.	<i>Fuesl. Arch. Inf.</i>	5. t. 24. f. 20. h. i.
Globosus.	-	<i>Fab. Sp. Inf. N°</i>	193.	<i>Drur. Inf.</i>	1. pl. 32. f. 4.
Apterus. L.	-	-	206.	<i>De Geer. Inf.</i>	5. tab. 16. f. 1.
Viridanus.	-	-	219.		

ATTELABUS.	Indicus.	-	-	<i>Mant. N°</i>	5.	<i>Tbunb. N. Spec. Inf.</i>	3. pl. 63. f. 81.
	Cyaneus.	-	-	-	-	-	15.

CLERUS.	Apiarius. L.	<i>Fab. Sp. Inf. N°</i>	9.	<i>Schæf. Ic.</i>	-	-	pl. 48. f. 11.
	Cyaneus.	-	-	<i>Mant. N°</i>	15.		

PRIONUS.	Trochlearis.	<i>Lin. S. Nat. p.</i>	622.				
	Armillatus. L.	<i>Fab. Sp. Inf. N°</i>	21.	<i>Oliv. Col. (Prion.)</i>		<i>pl. 5. f. 17.</i>	
	Rostratus.	-	-	<i>Mant. N°</i>	3.		
	Spinofus.	-	-	-	-	26.	

CERAMBYX.	Gigas.	-	-	<i>Fab. Mant. N°</i>	20.		
	Fasciatus.	-	-	<i>Spec. Inf. N°</i>	23.		
	Barbicornis. L.	-	-	-	24.	<i>Muf. L. Ulr.</i>	68.
	Rugicollis.	-	-	<i>Mantiff.</i>	40.		
	Holofericeus	-	-	-	45.		
	Longicollis	-	-	-	46.		
	Sentis.	-	<i>Lin. S. Nat. p.</i>	626.	23.		
	Ferrugineus.	-	-	-	25.		
	Platypus.	-	<i>Gmel. Lin. N°</i>	132.	<i>De Geer, Inf.</i>	-	7. t. 49. f. 3.

- LAMIA. Vaginator. - *Fab. Mant.* N° 8.  
 Grifator. - - - - - 12.  
 Nigricornis. - - *Spec. Inf.* 10.  
 Annulator. - - - - - 14.  
 Reticulator. - - - - - 16.  
 Rotator. - - - - - 32.  
 Lusia. - - *Fab. Mant.* N° 35.  
 Molitor. - - *Spec. Inf.* 42.  
 Rubus. *L.* - - - - - 44. *De Geer, Inf.* - 5. t. 13. f. 16.  
 Scabrator. - - - - - 46.  
 Sentis. - - *Lin. S. Nat.* N° 23.  
 Ferrugineus. - - - - - 25. *Mus. Lud. Ulr.* - 70.  
 Depressus. - - - - - 26. *Schr. Inf.* - 8. f. 10.
- STENOCORUS. Cyaneus. - *Fab. Spec. Inf.* N° 2. *Forst. Cent. Inf.* 40. (palliat.)  
 Rusticus. - - - - - 19.
- SAPERDA. Vittata. - - - - - 11.
- CALLIDIUM. Barbatum. - - - - - 12.  
 Compressum. - - *Mant.* 21.  
 Glaucum. - - *Spec. Inf.* 41.  
 Annulare. - - *Mant.* 59.  
 Venuustum. - - *Gmel. Lin.* 298. *Fuesl. Arch. Inf.* - 5. t. 26. f. 12.  
 Indicum. - - - - - 299. - - - - - f. 16.
- LEPTURA. Linearis. - *Lin. S. Nat.* N° 25. *Mus. Lud. Ulr.* - 77.
- LAMPYRIS. Cincta. - - *Fab. Sp. Inf.* 6.  
 Depressa. - - - - - 18.  
 Compressa. - *Gmel. Lin.* N° 23. *Thunb. N. Sp. Inf.* 4. p. 80.  
 P 2 PYROCHROA.

PYROCHROA. Nigripes. - - - *Mantiff.* 5.

LYMEXYLON. Testaceum. *Fab. Spec. Inf.* N° 1.

CUCUJUS. Rufus. - - *Gmel. Lin.* N° 10. *Swed. Aët. Stock.* - 8. N° 3. 21.

CANTHARIS. Melanocephala. *Fab. Spec. Inf.* 13.  
Tropica. - *Lin. S. Nat.* N° 19. *Gron. Zooph.* - 515. t. 14. f. 7.

ELATER. Flabellicornis. L. *Fab. Sp. Inf.* N° 1. *Dr. Inf.* - - - 3. pl. 47. f. 1. 2  
Speciosus. L. - - - - - 2.  
Luridus. - - - - - 3.  
Fuscipes. - - - - - 9.  
Melanocephalus. - - - - 38.  
Notatus. - - - - - 45.  
Pallipes. - *Fab. Inf. Mant.* 46.

BUPRESTIS. Gigantea. L. - - - - - 3. *Petiv. Gaz.* - - t. 147. f. 16.  
17.  
Vittata. - - - - - 4.  
Ignita, L. - - - - - 12. - - - - t. 20. f. 8.  
Ænea. - - - - - 15.  
Sternicornis. L. - - - - 17. *Grew, Mus.* - - t. 13.  
Chrysis. L. - - - - - 18. *De Geer, Inf.* - 4. t. 17. f. 25.  
Fulminans. - - *Mantiff.* 29.  
Impressa. - - *Spec. Inf.* 27.  
Scabra. - - - - - 30.  
Plebeia. - - - - - 41.  
Impressa. - - *Mant.* 61.  
Bimaculata. - - *Spec. Inf.* 45. *Sulz. Inf.* - - 57. t. 6. f. 15.  
4-maculata. - - - - - 46.

Trifidis.

Tristis. L.	-	<i>Fab. Sp. Inf.</i>	N° 47.	<i>Muf. Lud. Ulr.</i>	-	93.
Nobilis. L.	-	-	-	-	-	49.
Stricta.	-	-	<i>Lin. S. Nat.</i>	N° 4.	-	87.

CICINDELA.	Longicollis.	-	<i>Fab. Mantiff.</i>	N° 1.		
	Grossa.	-	-	<i>Spec. Inf.</i>	N° 1.	
	Cyanea.	-	-	-	<i>Mant.</i>	2.
	Bicolor.	-	-	-	<i>Spec. Inf.</i>	2.
	Sexpunctata.	-	-	-	-	14.
	4-lineata.	-	-	-	-	15.
	Biramofa.	-	-	-	<i>Mantiff.</i>	20. <i>Tkumb. N. Sp. Inf.</i> 1. pl. 26. f. 40.
	Catena.	-	-	-	<i>Spec. Inf.</i>	18.

HYDROPHILUS.	Olivaceus.	-	-	-	-	2.
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DYTISCUS.	Limbatus.	-	-	-	<i>Sp. Inf.</i>	5.
	Ruficollis.	-	-	-	<i>Mant.</i>	N° 6.
	Fasciatus.	-	-	-	<i>Fab. Sp. Inf.</i>	7.
	Vittatus.	-	-	-	<i>Spec. Inf.</i>	10.
	Griseus.	-	-	-	-	12.
	Aciculatus.	-	-	-	<i>Gmel. Lin.</i>	64. <i>Fuefl. Arch. Inf.</i> - 5. p. 123. N° 4.
	Zeylanicus.	-	-	-	-	83. <i>Gron. Muf.</i> - 2. p. 164. N° 552.

GYRINUS.	Spinofus.	-	-	-	-	4.
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CARABUS.	6-guttatus.	-	-	-	-	6.
	Reflexus.	-	-	-	-	20.
	Angulatus.	-	-	-	-	<i>Fab. Spec. Inf.</i> 21.
	Levigatus.	-	-	-	-	28.
	Attelaboides.	-	-	-	-	30.
	Trilineatus.	-	-	-	-	31.

Bimaculatus.

Bimaculatus. L.	<i>Fab. Spec. Inf.</i>	45.	<i>Sulz. H. Inf.</i>	-	-	<i>t. 7. f. 5.</i>
Cinctus.	-	-	-	-	-	62.
Flexuosus.	-	-	-	-	-	66.
Indicus.	-	-	<i>Gmel. Lin.</i>	153.	<i>Fueßl. Arch. Inf.</i>	- 6. t. 29. f. 11.
Splendidus.	-	-	-	-	-	p. 138. N° 41.
Marginellus.	-	-	-	-	-	p. 138. N° 42.

PIMELIA.	Striata.	-	-	-	-	-	1.
	Gibba.	-	-	-	-	<i>Mantiff.</i>	3.
	Fasciata.	-	-	-	-	<i>Spec.</i>	18.

SCARITES.	Bucephalus.	-	<i>Gmel. Lin.</i>	N° 20.	-	-	-	-	-	<i>t. 29. f. 16. 1.</i>
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BLAPS.	Striata.	-	-	<i>Fab. Sp. Inf.</i>	N° 5.
	Crenata.	-	-	-	- 6.

TENEBRIO.	Laminatus.	-	-	-	<i>Mantiff.</i>	1.
	Punctulatus.	-	-	-	-	2.
	Abbreviatus.	-	-		<i>Spec. Inf.</i>	6.

HELOPS.	Maura.	-	-	-	-	-	5.
	Dentipes.	-	-	-	-	-	12.

MYLABRIS.	Fasciata.	-	-	-	-	-	1.													
	Algirica. L.	-	-	-	-	-	3.													
	Indica.	-	-	-		<i>Gmel. Lin.</i>	16.	-	-	-	-	-	6. t.	30. f.	6.					
	Undulata.	-	-	-	-	-	18.	-	-	-	-	-	8. t.	48. f.	3.					
	Bifasciata.	-	-	-	-	-	21.	-	-	-	-	-	t.	48. f.	2.					

LYTTA.

LYTTA. Syriaca. L. - *Fab. Sp. Inf.* 3. *Fuesl. Arch. Inf.* - 6. t. 30. f. 1.  
Ruficollis. - - *Gmel. Lin.* 13. - - - - 8. t. 48. f. 4.

TAPHYLINUS. Aureus. - - - *Mantiff.* 1.

ORDO II. ULONATA.

BLATTA. Gigantea. L. *Fab. Sp. Inf.* N° 1. *Drur. Inf.* - - 2. t. 36. f. 2.  
Indica. - - - - 8.  
Petiveriana. - - - - 13. *Petiv. Gaz.* - - t. 71. f. 1.  
Orientalis. L. - - - - 14. *Schæf. Ic.* - - - t. 88. f. 2. 3.  
Ruficollis. - - - *Mantiff.* 22.  
Aterrima. - - *Gmel. Lin.* 32. *Fuesl. Arch. Inf.* - 8. t. 49. f. 9.

MANTIS. Gigas. L. - *Fab. Spec. Inf.* 1. *Petiv. Gaz.* - - t. 60. f. 2.  
Necydaloides. L. - - - 2. *Roef. 2. Gryll.* - - t. 19.  
Atrophica. - - - - 3. *Pall. Spic. fasc.* - 9. t. 5. f. 1.  
Bispinosa. - - - - 4.  
Linearis. - - - - *Mant.* 9.  
Gongyloides. L. - *Sp. Inf.* 8. *Drur. Inf.* - - 1. t. 36. f. 2.  
Pauperata. - - - - 9.  
Strumaria. L. - - - - 11. *Roef. Inf. 2. Gryll.* t. 2.  
Tricolor. L. - - - - 12. *Mus. Lud. Ulr.* 117.  
Cancellata. - - - - 13.  
Siccifolia. L. - - - - 14. *Roef. Inf. 2. Gryll.* t. 17.  
Pectinicornis. L. - - - - 15. *Drur. Inf.* - - 1. t. 50. f. 1.  
Urbana. - - - - 26.  
Pulchra. - - - *Mantiff.* 34.

ACHETA. Gryllotalpa. - - *Spec. Inf.* 1. *Roef. Inf. 2. Gryll.* t. 14. 15.  
Monstrosa.

## FAUNULA INDICA.

Monstrosa. - *Fab. Sp. Inf.* N° 2. *Drur. Inf.* - - 2. t. 42. f. 1.  
 Orientalis. - - - - 7.

LOCUSTA. Citrifolia. L. - - - - 1. *Roef. Inf.* 2. *Gryll.* t. 16. f. 1.  
 Elongata. L. - - - - 10. - - - - t. 18. f. 7.  
 Femorata. - - *Fab. Mant.* 12.  
 Ocellata. L. - - *Sp. Inf.* 12. *Seb. Mus.* - - 4. t. 73. f. 7. 8.  
 Triops. L. - - - - 16.  
 Coronata. L. - *Fab. Sp. Inf.* 17. *De Geer, Inf.* - 3. t. 38. f. 5.  
 Melanoptera. L. - - - - 18.  
 Coriacea. L. - - - - 19. *Mus. Ad. Fr.* - 136.  
 Spinulosa. L. - - - - 28. *Edw. Av.* - - 2. t. 285. f. 3. 4. 5.  
 Indica. - *Gmel. Lin.* N° 116. *Fuesl. Arch. Inf.* - 8. t. 53. f. 2.  
 Unicolor. - *Lin. S. Nat.* N° 3. *Mus. Lud. Ulr.* 119.  
 Carinata. - - - - 6. - - - - 122.  
 Lamellofa. - - - - 21. *Roef. Gryll.* - - t. 18. f. 7.  
 Rugosa. - - - - 25. *Mus. Lud. Ulr.* 132.  
 Aquilina. - - - - 27. - - - - 133.  
 Fastigiata. - - - - 29. - - - - 135.

GRYLLUS. Succinctus. L. - - *Fab. Sp.* 2. *Amæn. Ac.* - - 6. p. 398. 36.  
 Reticulatus. - - - - 7.  
 Serripes. - - - *Mantiff.* 8.  
 Turcicus. - - - - 10.  
 Punctatus. - - - *Sp. Inf.* 14. *Drur. Inf.* - - 2. t. 41. f. 4.  
 Hæmatopus. L. - - - 16. *De Geer. Inf.* - 5. t. 40. f. 10.  
 Perspicillatus. L. - - - 50. *Amæn. Ac.* - - 6. p. 398. 34.

## O R D O III. SYNISTATA.

MONOCULUS. Polyphemus. L. *Fab. Sp. Inf.* N° 1. *Rumph. Mus.* - 21. t. 12.

ONISCUS.



ONTSCUS. Linearis. L. - *Fab. Sp. Inf.* N° 8. *Pall. Spic. fasc.* 3. *9. t. 4. f. 11.*

SEMBLIS. Fuscata. - - - - - 4.

TERMES. Fatale. L. - - - - - 1, De Geer, Inf. - 7. t. 37. f. 1. 2.

MYRMELEON. Pardalis. - - - - - 2.  
Punctatum. - - - - - Mant. 7.

ICHNEUMON. Pedator. - - - *Spec. Inf.* 52.  
Polycerator. - - - - - 63.  
Punctatus. - - - - - 104.

SPHÆX.	Fervens. L.	-	-	-	-	12.	Mus. Lud. Ulr.	406.
	Erythrocephala.	-	-	-	-	14.		
	Argentata.	-	-	-	Mantiff.	6.		
	Maderaspata.	-	-	-	Spec. Inf.	16.		
	Compressa.	-	-	-	-	19.		
	Ciliata.	-	-	-	Mantiff.	24.		
	Vespiiformis.	-	-	-	Fab. Sp. Inf. N°	23.		
	Anal.	-	-	-	-	27.		
	Affimilis.	-	-	-	Mantiff.	33.		
	Tropica. L.	-	-	-	Spec. Inf.	37.	-	408.
	Maura.	-	-	-	Mantiff.	38.		
	Aurata.	-	-	-	-	45.		
	Nigrita.	-	-	-	Spec. Inf.	45.		
	Villosa.	-	-	-	-	47.		
	Flava.	-	-	-	-	48.		
	Flavicornis.	-	-	-	-	50.		
	Indostana.	-	-	-	Lin. S. Nat. N°	7.	-	407.
	Indica.	-	-	-	-	26.	-	408.

Q

TIPHIA.

TIPHIA.	Collaris.	-	-	-	<i>Fab. Sp. Inf.</i>	Nº 8.	
	Dorsata.	-	-	-	<i>Mantiff.</i>	11.	
	Ruficornis.	-	-	-	-	12.	
SCOLIA.	4-pustulata.	-	-	-	<i>Sp. Inf.</i>	13.	
CHRYISIS.	Splendida.	-	-	-	-	1.	
	Oculata.	-	-	-	-	4.	
BEMBEX.	Repanda.	-	-	-	<i>Mantiff.</i>	6.	
	Interrupta.	-	-	-	-	8.	
VESPA.	Cincta.	-	-	-	<i>Fab. Sp. Inf.</i>	Nº 1.	<i>Sulz. Inf.</i> - - - t. 27. f. 5.
	Cornuta. L.	-	-	-	<i>Sp. Inf.</i>	7.	<i>Drur. Inf.</i> - - - 2. t. 48. f. 3.
	Calida. L.	-	-	-	-	23.	
	4-punctata.	-	-	-	<i>Mantiff.</i>	55.	
	Hebræa.	-	-	-	-	58.	
	Flavescens.	-	-	-	<i>Sp. Inf.</i>	50.	
	Petiolata.	-	-	-	-	56.	
CRABRO.	Cornutus.	-	-	-	<i>Fab. Mant.</i>	Nº 3.	
	Repandus.	-	-	-	-	5.	
	Interruptus.	-	-	-	-	10.	
ANDRENA.	Cincta.	-	-	-	<i>Sp. Inf.</i>	8.	
	Zonata. L.	-	-	-	-	11.	<i>Mus. Lud. Ulr.</i> 415.
APIS.	Plumipes.	-	-	-	-	35.	

Bicolor.

# FAUNULA INDICA.

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Bicolor.	-	-	-	-	<i>Sp. Inf.</i>	55.	
Villosa.	-	-	-	-	-	56.	
Florea.	-	-	-	-	<i>Mantiff.</i>	87.	
Smaragdula.	-	-	-	-	-	91.	
Cordata?	-	-	-	-	<i>Lin. S. Nat.</i>	15.	<i>Mus. Lud. Ulr.</i> 414.

NOMADA. Histrion. - - - *Fab. Sp. Inf.* 1.

FORMICA.	Smaragdina.	-	-	-	-	N° 2.	
	Compressa	-	-	-	-	<i>Mantiff.</i>	2.
	Cinereascens.	-	-	-	-	-	12.
	Elongata.	-	-	-	-	-	13.
	Elevata.	-	-	-	-	<i>Sp. Inf.</i>	26.
	Bihamata.	-	-	-	-	29. <i>Dr. Inf.</i>	- - - 2. t. 38. f. 7. 8.
	Maxillofa.	-	-	-	-	-	37.

MUTILLA. Indica. - - - *Lin. S. Nat.* 3. *Mus. Lud. Ulr.* 419.

## ORDO IV. AGONATA.

CANCER.	Raninus. L.	-	-	-	<i>Fab. Sp. Inf.</i>	1.	<i>Rumph. Mus.</i>	-	-	t. 7. f. T. V.
	Ceratophthalmus.	-	-	-	<i>Mant.</i>	6.	<i>Herbst. Cancr.</i>	-	-	174. t. 1. f. 8. 9.
	Globus.	-	-	-	<i>Sp. Inf.</i>	6.				
	Craniolaris. L.	-	-	-	-	7.	<i>Rumph. Mus.</i>	-	-	t. 10. f. A. B.
	Porcellanus.	-	-	-	<i>Mantiff.</i>	11.	<i>Herbst. Cancr.</i>	92.	12. t. 2. f. 18.	
	Corallinus.	-	-	-	-	23.	<i>Rumph. Mus.</i>	-	-	t. 8. f. 5.
	Floridus. L.	-	-	-	<i>Sp. Inf.</i>	16.	<i>Herbst. Cancr.</i>	-	-	t. 3. f. 39.
	Vocans. L.	-	-	-	-	17.	<i>Petiv. Gaz.</i>	-	-	t. 78. f. 5.
	Maculatus. L.	-	-	-	-	21.	<i>Rumph. Mus.</i>	-	-	t. 10. f. 1.
	Mænas. L.	-	-	-	-	25.	-	-	-	t. 6. f. O.
	Dormia. L.	-	-	-	-	27.	-	-	-	t. 11. f. 1.
										Q <sub>2</sub> 6-dentatus.

F A U N U L A I N D I C A.

6-dentatus. L.	-	<i>Fab. Mantiff.</i>	Nº 43.	<i>Rumph. Amb.</i>	-	-	-	-	<i>t. 1. f. 5.</i>
Feriatius L.	-	-	-	<i>Sp. Inf.</i>	28.	<i>Mus.</i>	-	-	<i>t. 6. f. P.</i>
Pagurus. L.	-	-	-	-	29.	-	-	-	<i>t. 11. f. 4.</i>
Æneus. L.	-	-	-	-	32.	<i>Seb. Mus.</i>	-	-	<i>3. t. 19. f. 17.</i>
Fornicatus.		<i>Sp. Inf. App.</i>	p. 502.						
Ochtales.	-	-	-	<i>Mantiff.</i>	55.	<i>Herbst. Canc.</i>	-	-	<i>t. 8. f. 54.</i>
Ovis.	-	-	-	-	66.	-	-	-	<i>f. 74.</i>
Cylindrus.	-	-	-	<i>Sp. Inf.</i>	35.				
Chabrus. L.	-	-	-	-	36.	<i>Mus. Lud. Ulr.</i>	-	438.	
Muricatus.	-	-	-	<i>Mantiff.</i>	67.	<i>Herbst. Cancr.</i>	-	-	<i>f. 75.</i>
Erinaceus.	-	-	-	-	71.				
Superciliofus. L.	-	-	-	-	72.	<i>Seb. Mus.</i>	-	-	<i>3. t. 18. f. 11.</i>
Punctatus. L.	-	-	-	<i>Sp. Inf.</i>	44.	<i>Rumph. Amboin.</i>	-	-	<i>t. 10. f. 6.</i>
7-spinosus.	-	-	-	<i>Mant.</i>	75.				
Horridus. L.	-	-	-	<i>Sp. Inf.</i>	51.	<i>Rumph. Mus.</i>	-	-	<i>t. 9. f. 1.</i>
Longimanus L.	-	-	-	-	55.	-	-	-	<i>t. 8. f. 2.</i>
Longipes. L.	-	-	-	-	56.	-	-	-	<i>t. 8. f. 4.</i>
Spinifer. L.	-	-	-	-	57.	<i>Mus. Lud. Ulr.</i>	-	-	<i>447.</i>

PAGURUS.	Latro. L.	-	-	-	-	1. <i>Rumph. Mus.</i>	-	-	<i>t. 7. f. 4.</i>
	Diogenes. L.	-	-	-	-	3. -	-	-	<i>t. 5. f. K. L.</i>
	Hungarus.	-	-	-	<i>Mantiss.</i>	4. <i>Herbf. Cancr.</i>	-	-	<i>t. . f. 122.</i>
	Miles.	-	-	-	-	6. -	-	-	<i>f. 114.</i>
	Clypeatus.	-	-	-	-	7.			

HIPPA.    Adactyla?    -    *Fab. Mantiss.* N<sup>o</sup> 1.  
               Dorfipes. L.    -    -    -    -    3. *Rumph. Mus.*    -    -    t. 10. f. 3.  
               Variolosa.    -    -    -    -    -    5.

SCYLLARUS. Arctus. L. - - - *Sp. Inf.* I. - - - - - t. 2. f. 6. D.

ASTACUS. Homarus, L.      3,      1. f. A.  
Emeritus.

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Emeritus. L. - - *Sp. Inf.* 16. *Gron. Zooph.* 1000. *t.* 17. *f.* 8. 9.

SQUILLA. Mantis. L. - - - - - 1. *Rumph. Mus.* - - *t.* 3. *f.* 2.  
 Scyllarus. L. - - - - - 2. *Seb. Mus.* - - *t.* 20. *f.* 6.  
 Ciliata. - - - - - *Mantiff.* 3.  
 Chiragra ? - - - - - *Sp. Inf.* 3. *Rumph. Mus.* - - *t.* 3. *f.* F.

## ORDO V. UNOGATA.

LIBELLULA. Indica. - - - *Fab. Sp. Inf.* 8. *Drur. Inf.* - - *t.* 46. *f.* 1.  
 Fasciata. L. - - - - - 17. *Edw. Av.* - - *t.* 174.  
 Americana. L. - - - - - 23.  
 Histrio. - - - - - *Mantiff.* 24.  
 Variegata. - *Lin. S. Nat.* 18. *Amæn. Ac.* - - 6. *p.* 412. N° 86.

AGRION. Ciliata. - - - *Fab. Sp. Inf.* 3.  
 Linearis. - - - - - 5. *Drur. Inf.* - - *t.* 48. *f.* 1.

JULUS. Stigma. - - - - - 8.  
 Carnifex. - - - - - 9. *Schroet. Abb.* - *t.* 3. *f.* 7.  
 Indus. L. - - - - - 10. *Petiv. Gaz.* - *t.* 74. *f.* 3.  
 Fuscus. L. - - - - - 11. *Seb. Mus.* - - *t.* 24. *f.* 4. 5.

SCOLOPENDRA. Morfitans. L. - - - - - 5. *Petiv. Gaz.* - - *t.* 13. *f.* 3.  
 Dorfalis. - - - - - 7.  
 Clypeata. - - - - - 8.  
 Phosphorea. L. - - - - - 11.

ARANEÆ.









# FAUNULA INDICA.

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Urania. L.	<i>Fab. Sp. Inf.</i>	Nº 117.	<i>Mus. Lud. Ulr.</i>	225.	
Pfidi. L.	- - - -	124.	<i>Cram. Inf.</i>	- - -	t. 257. P.
Aspasia. -	- - -	<i>Mantiff.</i>	145.		
Ægle. -	- - -	<i>Sp. Inf.</i>	125.	- - - -	t. 126. C. D. ?
Thalia. L.	- - - -	130.	- - - -	-	t. 246. A.
Euryta. L.	- - - -	131.	- - - -	-	t. 233. A. B.
Aedea. L.	- - - -	132.	<i>Clerck. Ic.</i>	- - -	t. 41. f. 2.
Antiocha. L.	- - - -	134.	<i>Cram. Inf.</i>	- - -	t. 38. E. F.
Erato. L.	- - - -	146.	- - - -	-	t. 119. A.
Affarica. -	- - - -	-	- - - -	-	t. 363. A. B.

## \*\*\*\*\* PARNASSII.

Quirina. -	- - - -	152.			
Piera. L.	- - - -	153.	- - - -	-	t. 291. C. D.
Pasithoe. L.	- - - -	154.	- - - -	-	t. 258. E. F.
Andromeda.	- - - -	158.			
Idea. L.	- - - -	160.	- - - -	-	t. 193. A. B.

## \*\*\*\*\* DANAI CANDIDI.

Brassicæ. L.	- - - -	161.	- - - -	-	t. 271. E. F.
Napi. L.	- - - -	163.	<i>Albin. Inf.</i>	-	t. 52. F. G.
Valeria. -	- - - -	-	<i>Cram. Inf.</i>	- - -	t. 85. A.
Libythea. -	- - - -	172.			
Creona. -	- - - -	175.	- - - -	-	t. 95. C.—F.
Neriffa. -	- - - -	-	- - - -	-	t. 44. A.
Demophile. L.	- - - -	177.	<i>Clerck. Ic.</i>	- - -	t. 28. f. 4.
Crocale. -	- - - -	-	<i>Cram. Inf.</i>	- - -	t. 55. C. D.
Hecabe. L.	- - - -	178.	- - - -	-	t. 124. B. C.
Drusilla. -	- - - -	-	- - - -	-	t. 110. C.
Paulina. -	- - - -	-	- - - -	-	t. 110. E. F.
Xiphia. -	- - - -	180.			
Hedyle. -	- - - -	-	- - - -	-	t. 186. C. D.

R

Eucharis.

## FAUNULA INDICA.

Eucharis.	-	<i>Fab. Sp. Inf.</i>	Nº 181.	<i>Cram. Inf.</i>	-	-	-	-	-	<i>t.</i> 352. C. D. E. F.
Jugurtha.	-	-	-	-	-	-	-	-	-	<i>t.</i> 187. E. F.
Alcmeone.	-	-	-	-	186.	-	-	-	-	<i>t.</i> 141. E.
Oenippe.	-	-	-	-	-	-	-	-	-	<i>t.</i> 229. B. C.
Pyranthe. L.	-	-	-	-	188.	<i>Mus. Lud. Ulr.</i>	245.	-	-	-
Catilla.	-	-	-	-	-	-	-	-	-	<i>t.</i> 229. E. F.
Leucippe.	-	-	-	-	189.	<i>Cram. Inf.</i>	-	-	-	<i>t.</i> 36. A.—C.
Thetis.	-	-	-	-	-	-	-	-	-	<i>t.</i> 238. F. G.
Callirhoe.	-	-	-	-	190.	<i>Pl. Enlum.</i>	-	-	-	<i>t.</i> 91. <i>f.</i> 1. 2.
Mesentina.	-	-	-	-	-	-	-	-	-	<i>t.</i> 270. A. B.
Glaucippe. L.	-	-	-	-	191.	<i>Cram. Inf.</i>	-	-	-	<i>t.</i> 164. A.—C.
Zelmira.	-	-	-	-	-	-	-	-	-	<i>t.</i> 320. C.—F.
Euippe. L.	-	-	-	-	192.	-	-	-	-	<i>t.</i> 91. D.—G.?
Coronnis.	-	-	-	-	193.	-	-	-	-	<i>t.</i> 44. B. C.
Hyparete. L.	-	-	-	-	194.	<i>Clerck. Ic.</i>	-	-	-	<i>t.</i> 38. <i>f.</i> 2. 3.
Evagete.	-	-	-	-	-	<i>Cram. Inf.</i>	-	-	-	<i>t.</i> 221. F. G.
Scylla. L.	-	-	-	-	203.	-	-	-	-	<i>t.</i> 12. C. D.
Coronea.	-	-	-	-	201.	-	-	-	-	<i>t.</i> 68. B. C.
Cornelia.	-	-	-	-	<i>Mantiff.</i>	229.	-	-	-	-
Agathina.	-	-	-	-	-	-	-	-	-	<i>t.</i> 237. D. E.
Judith.	-	-	-	-	230.	-	-	-	-	-
Belisamæ.	-	-	-	-	-	-	-	-	-	<i>t.</i> 258. A. B. C. D
Amata.	-	-	-	-	<i>Sp. Inf.</i>	204.	-	-	-	-
Ænippe.	-	-	-	-	-	-	-	-	-	<i>t.</i> 157. C. D.
Cypræa.	-	-	-	-	<i>Mantiff.</i>	232.	-	-	-	-
Hilaria.	-	-	-	-	-	-	-	-	-	<i>t.</i> 339. E. F.
Danaë.	-	-	-	-	<i>Sp. Inf.</i>	205.	-	-	-	-
Sesia.	-	-	-	-	<i>Mantiff.</i>	234.	-	-	-	<i>t.</i> 217. C. D. E.
Rahel.	-	-	-	-	-	235.	-	-	-	-
Ada.	-	-	-	-	-	-	-	-	-	<i>t.</i> 363. C. D.
Messalina.	-	-	-	-	-	236.	-	-	-	-
Zeuxippe.	-	-	-	-	-	-	-	-	-	<i>t.</i> 362. E. F.
Gnoma.	-	-	-	-	<i>Sp. Inf.</i>	217.	-	-	-	<i>t.</i> 361. C. D.
Drya.	-	-	-	-	-	218.	-	-	-	<i>t.</i> 120. C. D.
Philea. L.	-	-	-	-	-	221.	-	-	-	<i>t.</i> 173. E. F.
Dorimenes.	-	-	-	-	-	-	-	-	-	<i>t.</i> 387. C. D.

Acasta.

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Acasta.	-	Lin. S. Nat. N° 83.	Mus. Lud. Ulr.	250.
Encedonia.	-	-	-	90. - - - 244.
Arfalte.	-	-	91. Clerck. Ic.	- - - t. 23. f. 2.
Damone.	-	-	-	93.

## † DANAI FESTIVI.

Midamus. L.	Fab. Sp. Inf.	227.	Cram. Inf.	- - - t. 266. A. B.
Claudius.	-	-	Mantiff. 261.	- - - t. 266. C.
Climene.	-	-	-	- - - t. 389. E. F.
Liberius.	-	-	Sp. Inf. 229.	- - - t. 210. G. H.
Syphax.	-	-	-	234. - - - t. 233. C. D.
Eyialeus.	-	-	Mantiff. 267.	- - - t. 189. D. E.
Eualthe.	-	-	Sp. Inf. 235.	- - - t. 17. E. F.
Cæneus. L.	-	-	-	239. Mus. Lud. Ulr. 271.
Genutia.	-	-	-	Cram. Inf. - - - t. 206. C. D.
Pinthæus. L.	-	-	-	242. - - - t. 258.
Chrysipus. L.	-	-	-	245. - - - t. 118. B. C.
Hegefippus.	-	-	-	248. - - - t. 180. A.
Nicaeus.	-	-	-	251. - - - t. 12. G. H.
Gripus.	-	-	-	255. - - - t. 183. C. D.
Xanthus. L.	-	-	-	257. - - - t. 183. A. B.
Arcefilaus.	-	-	Mantiff. 305.	
Eribotes.	-	-	Sp. Inf. 267.	
Morvus.	-	-	-	270. - - - t. 48. A. B.
Cocytus.	-	-	Mantiff. 316.	
Obrinus. L.	-	-	Sp. Inf. 275.	- - - t. 338. C. D.
Ancæus. L.	-	-	-	276. - - - t. 49. E. F.
Jairus.	-	-	-	281. - - - t. 6. A. B.
Philocles. L.	-	-	-	285. - - - t. 184. D. E. F.
Aeropus. L.	-	-	-	287. - - - t. 111. F. G.
Mineus.	-	-	-	294. - - - t. 84. C. D.
Baldus.	-	-	-	306.
Zetes.	-	Lin. S. Nat. N° 110.	Clerck. Ic.	- - - t. 43. f. 1.
Enceladus.	-	-	-	112. Mus. Lud. Ulr. 254.

R 2

Eribote.

## FAUNULA INDICA.

Eribote.	-	Lin. S. Nat. N°	115.	Mus. Lud. Ulr.	233.
Perius.	-	-	-	-	261.
Philomelus.	-	-	-	123. Amæn. Ac.	6. p. 404. 60.

## \* NYMPHALES GEMMATI.

Polynice.	-	Fab. Sp. Inf. N°	310.	Gram. Inf.	-	-	-	t. 195. D. E.
Almana. L.	-	-	-	311.	-	-	-	t. 58. F. G.
Afterie. L.	-	-	-	312.	-	-	-	t. 58. D. E.
Oenone. L.	-	-	-	313.	-	-	-	t. 35. A. C.
Erigone.	-	-	-	-	-	-	-	t. 62. E. F.
Lemonias. L.	-	-	-	314.	-	-	-	t. 35. D. F.
Villida.	-	-	-	Mantiff.	366.	-	-	
Glycerie.	-	-	-	-	379.	-	-	
Orithya. L.	-	-	-	Sp. Inf.	315.	-	-	t. 32. E. F.
Remulia.	-	-	-	-	-	-	-	t. 232. F. G.
Feronia. L.	-	-	-	-	318.	-	-	t. 192. E. F.
Lampetia. L.	-	-	-	Mantiff.	378.	-	-	t. 148. D. D. t.
								349. A. B.
Roxelana.	-	-	-	Sp. Inf.	320.	-	-	t. 141. C. D.
Minerva.	-	-	-	-	327.	-	-	t. 116. E. F.
Laomedea. L.	-	-	-	-	333.	-	-	t. 8. F. G.
Cardui.	-	-	-	-	364.	-	-	t. 26. E. F.
Atlita.	-	-	-	Mant.	388.	-	-	
Libye. L.	-	-	-	Sp. Inf.	334.	Sultz. Inf.	-	t. 17. f. 7.
Justina.	-	-	-	-	-	Gram. Inf.	-	t. 326. C.
Hedonia. L.	-	-	-	-	335.	-	-	t. 69. C. D.
Arfinoë. L.	-	-	-	-	345.	-	-	t. 160. B. C.
Panthera.	-	-	-	Mantiff.	407.	-	-	
Pipleis. L.	-	-	-	Sp. Inf.	368.	-	-	t. 60. A. B.
Claudia.	-	-	-	-	369.	Naturforsch. 9.	-	t. 2.
Bankia.	-	-	-	-	371.	Gram. Inf.	-	t. 26. A. B. &c
								291. I.
Leda.	-	-	-	-	376.	-	-	t. 196. C. D.
Rohria.	-	-	-	Mantiff.	446.	-	-	

Arcenfia.



## FAUNULA INDICA.

Lifionassæ.	- - - - -	Cram. Inf.	- - -	t. 205. A. B.
Clytia. L.	- - -	Sp. Inf. 415.	Mus. Lud. Ulr. 296.	
Thyonneus.	- - - - -	Cram. Inf.	- - -	t. 222. E. F.
Archesia.	- - -	Sp. App. p. 504.	- - - - -	t. 219. D. E.
Amathea. L.	- - -	Spec. Inf. N° 416.	- - - - -	t. 209. A. B.
Undularis.	- - -	Sp. App. p. 504.	- - - - -	t. 256. A. B.
Monina.	- - -	Mantiff. N° 502.	- - - - -	
Lamis.	- - - - -	- - - - -	- - - - -	t. 238. E.
Allica.	- - - - -	N° 510.	- - - - -	t. 280. E. F.
Leucothoë L.	- - -	Sp. Inf. 421.	- - - - -	t. 203. E. F.?
Melicerta.	- - - - -	423.	- - - - -	t. 212. E. F.
Heliodore.	- - -	Mantiff. 516.	- - - - -	
Ilithuia.	- - -	Sp. Inf. 426.	- - - - -	t. 213. A. B.
Pelea.	- - -	Mantiff. 523.	- - - - -	
Erymanthis.	- - - - -	- - - - -	- - - - -	t. 238. F. G.
Venilia. L.	- - -	Sp. Inf. 431.	- - - - -	t. 219. B. C.
Alimena. L.	- - - - -	432.	- - - - -	t. 221. A. B. C.
Phœrusa. L.	- - - - -	433.	- - - - -	t. 130. B. C.
Manilia.	- - - - -	- - - - -	- - - - -	t. 259. A. B.
Hippona.	- - - - -	434.	- - - - -	t. 90. C. D.
Adonia.	- - - - -	- - - - -	- - - - -	t. 259. C. D.
Agatha.	- - -	Mantiff. 530.	- - - - -	
Neærea. L.	- - -	Sp. Inf. 441.	- - - - -	t. 75. C. D.
Aceste. L.	- - - - -	442.	- - - - -	t. 121. E. F.
Porphyria.	- - - - -	- - - - -	- - - - -	t. 259. E. F.
Eurinome.	- - - - -	443.	- - - - -	t. 70. A.
Neste.	- - - - -	- - - - -	- - - - -	t. 256. E. F.
Diffimilis. L.	- - - - -	444.	- - - - -	t. 82. C. D.
Affimilis. L.	- - - - -	445.	- - - - -	t. 154. A.
Similis. L.	- - - - -	446.	- - - - -	t. 30. D.
Lotis.	- - - - -	- - - - -	- - - - -	t. 230. D. E.
Lais.	- - - - -	448.	- - - - -	t. 110. A. B.
Valentina.	- - - - -	- - - - -	- - - - -	t. 327. C. D.
Egialea.	- - - - -	449.	- - - - -	t. 192. D.
Alcippe.	- - - - -	- - - - -	- - - - -	t. 389. G. H.
Panope.	- - - - -	450.	- - - - -	t. 65. C. D.

Villida.

Villida.	- - - - -	Cram. Inf.	- - -	t. 349. C. D.
Hippia.	- - -	Mantiff.	545.	
Martha.	- - - - -		555.	
Elea.	- - - - -	Sp. Inf.	460.	t. 242. D. E.
Cytherea. L.	- - - - -	474. Clerck. Ic.	- - -	t. 39. f. 3.
Pnalantha.	Fab. Sp. Inf. N°	485. Drur. Inf.	- - -	1. t. 21. f. 1. 2.
Tipta.	Lin. S. Nat. N°	164. Clerck. Ic.	- - -	t. 32. f. 3.
Canace.	- - - - -	173. Drur. Inf.	- - -	1. t. 15. f. 1. 2.
Idmone.	- - - - -	182. Mus. Lud. Ulr.	310.	
Elea.	- - - - -	183. Drur. Inf.	- - -	2. t. 17. f. 5. 6.
Janassa.	- - - - -	185. Mus. Lud. Ulr.	294.	
Nauplia.	- - - - -	197. Clerck. Ic.	- - -	t. 46. f. 1. 2.
Hypermnestra.	- - - - -	198. Amæn. Ac.	- - -	6. p. 407. 69.
Nesæa.	- - - - -	199. Mus. Lud. Ulr.	302.	

† PLEBEEI RURALES.

Amor.	- - -	Fab. Sp. Inf.	491.	
Vulcanus.	- - - - -	Cram. Inf.	- - -	t. 208. E. F.
Lifias.	- - - - -	Mantiff.	615.	
Etolus.	- - - - -		620.	
Ganymedes.	- - - - -	Sp. Inf.	500.	t. 40. C. D.
Sphinx.	- - - - -	511.	- - -	t. 46. F. G.
Hyacinthus.	- - - - -	516.	- - -	t. 36. C. D.
Iarbus.	- - - - -	Mantiff.	648.	
Bæticus. L.	- - - - -	Sp. Inf.	529. Ernst. Pap. d' Eur.	t. 37. f. 76.
Strephon.	- - - - -	531.		
Atymnus.	- - - - -	Mantiff.	662. Cram. Inf.	- - - t. 331. D. E.
Aeolus.	- - - - -	Sp. Inf.	535. Pl. Enlum.	- - - t. 18. f. 6. 7.
Simæthis.	- - - - -	537. Drur. Inf.	- - -	1. t. 1. f. 3.
Ixion.	- - - - -	540.		
Nedymond.	- - - - -	Cram. Inf.	- - -	t. 299. E. F.
Rosimon.	- - - - -	541.		
Laius.	- - - - -	- - - - -	- - -	t. 319. D. E.
Amyntor.	- - - - -	543.	- - -	t. 159. D. E.

## FAUNULA INDICA.

Triopas.	- - - - -	<i>Cram. Inf.</i>	- - -	<i>t.</i> 310. G. H.
Eumolphus.	- - - - -		- - -	<i>t.</i> 299. G. H.
Hylax.	- - - - -	<i>Fab. Sp. Inf.</i>	559.	
Midas.	- - - - -		564.	
Melampus.	- - - - -		- - -	<i>t.</i> 362. G. H.
Æsopus.	- - - - -	565. <i>Drur. Inf.</i>	- - -	2. <i>t.</i> 9. <i>f.</i> 3. 4.
Phædrus.	- - - - -	566. <i>Cram. Inf.</i>	- - -	<i>t.</i> 238. C.
Aratus.	- - - - -		- - -	<i>t.</i> 365. A. B.
Cephus.	- - - - -	576.		
Petavius.	- - - - -		- - -	<i>t.</i> 365. C. D.
Haraldus.	- - - - -	<i>Mantiff.</i>	744.	
Ubaldu.	- - - - -		- - -	<i>t.</i> 390. L. M.
Neleus. L.	- - - - -	<i>Sp. Inf.</i>	581. <i>Clerck. Ic.</i>	- - - <i>t.</i> 45. <i>f.</i> 2.
Bochus.	- - - - -		<i>Cram. Inf.</i>	- - - <i>t.</i> 391. C. D.
Priassus. L.	- - - - -	591. <i>Mus. Lud. Ulr.</i>	319.	
Polybe.	- - - - -	<i>Lin. S. Nat. N°</i>	218. <i>Amæn. Ac.</i>	- - - 6. <i>p.</i> 404. 58.
Timantes.	- - - - -	241. <i>Mus. Lud. Ulr.</i>	322.	
Peleus.	- - - - -	249. <i>Clerck. Ic.</i>	- - -	<i>t.</i> 45. <i>f.</i> 5.

## †† PLEBEII URBICOLÆ.

Exclamationis.	<i>Fab. Sp. Inf. N°</i>	595.		
Augias. L.	- - - - -	597. <i>Amæn. Ac.</i>	- - -	6. <i>p.</i> 410. 80.
Colon.	- - - - -	598.		
Alcithoë.	- - - - -		<i>Cram. Inf.</i>	- - - <i>t.</i> 80. C. D.
Alexis.	- - - - -	619.		
Thrax. L.	- - - - -	620.	- - -	6. <i>t.</i> 68. E.
Dan.	- - - - -	<i>Mantiff.</i>	798.	
Chromus.	- - - - -		- - -	<i>t.</i> 284. E.
Ladon.	- - - - -		- - -	<i>t.</i> 284. G.
Gnetus.	- - - - -	<i>Fab. Sp. Inf. N°</i>	624. <i>Pl. Enl.</i>	- - - <i>t.</i> 18. <i>f.</i> 8. 9.
Polycletus. L.	- - - - -	627. <i>Cram. Inf.</i>	- - -	<i>t.</i> 159. F. G.
Coridon.	- - - - -		- - -	<i>t.</i> 340. C. D. E.
Phidias. L.	- - - - -	632.	- - -	<i>t.</i> 41. C. D.
Japetus.	- - - - -		- - -	<i>t.</i> 365. E. F.

Maimon.



Maimon.	-	<i>Fab. Sp. Inf.</i>	N° 635.	<i>Cram. Inf.</i>	-	-	-	<i>t.</i>	22.	C. ?
Forestan.	-	-	-	-	-	-	-	<i>t.</i>	391.	E. F.
Menalcas.	-	-	-	-	-	-	-		639.	
Celænus.	-	-	-	-	-	-	-	<i>t.</i>	393.	A. B.
Spio. L.	-	-	-	-	-	-	-		645.	<i>Muf. Lud. Ulr.</i> 330.
Menes.	-	-	-	-	-	-	-	<i>t.</i>	393.	H. I.
Pygmæus.	-	-	-	-	-	-	-		646.	
Butes.	-	<i>Lin. S. Nat.</i>	N° 261.	<i>Clerck. Ic.</i>	-	-	-	<i>t.</i>	46.	f. 6.
Phaleros.	-	-	-	-	-	-	-		272.	
Cereus.	-	-	-	-	-	-	-		273.	

SPHINX.

Afiliformis.	-	<i>Fab. Sp. Inf.</i>	N° 6.							
Nerii.	-	-	-	-	-	-	-	<i>t.</i>	224.	D.
Hypothoüs.	-	-	-	-	-	-	-	<i>t.</i>	285.	D.
Dentata.	-	-	-	-	-	-	-	<i>t.</i>	125.	G.
Ancæus.	-	-	-	-	-	-	-	<i>t.</i>	355.	A.
Alope.	-	-	-	<i>Mantiff.</i>	19.	-	-	<i>t.</i>	301.	G.
Opheltes.	-	-	-	-	-	-	-	<i>t.</i>	285.	B.
Ello. L.	-	-	-	<i>Sp. Inf.</i>	17.	<i>Drur. Inf.</i>	-	<i>t.</i>	27.	f. 3.
Acteus.	-	-	-	-	-	<i>Cram. Inf.</i>	-	<i>t.</i>	248.	A.
Atropos. L.	-	-	-	-	-	-	-	<i>t.</i>	78.	A. & 237. A.
Phorbas.	-	-	-	-	-	-	-	<i>t.</i>	55.	B.
Chiron.	-	-	-	-	-	-	-	<i>t.</i>	137.	E.
Pagana.	-	-	-	-	-	-	-		29.	
Oldenlandiæ.	-	-	-	-	-	-	-		37.	
Phalaris.	-	-	-	-	-	-	-	<i>t.</i>	149.	A.
Lycetus.	-	-	-	-	-	-	-	<i>t.</i>	61.	D.
Panopus.	-	-	-	-	-	-	-	<i>t.</i>	222.	A. B.
Boerhaaviæ.	-	-	-	-	-	<i>Sultz. Inf.</i>	-	<i>t.</i>	20.	f. 3.
Efon.	-	-	-	-	-	<i>Cram. Inf.</i>	-	<i>t.</i>	226.	C.
Minus.	-	-	-	<i>Mantiff.</i>	44.					
Drancus.	-	-	-	-	-	-	-	<i>t.</i>	132.	F.
Porcellus. L.	-	-	-	<i>Sp. Inf.</i>	44.	<i>Ernst. Pap.</i>	-	<i>t.</i>	112.	N° 161.
Convolvuli. L.	-	-	-	-	-	<i>46. Cram. Inf.</i>	-	<i>t.</i>	225.	D.

## FAUNULA INDICA.

Celerio. L.	- - -	Sp. Inf.	50.	Cram. Inf.	- - -	t. 125. E.
Nessus.	- - -	- - -	- - -	- - -	- - -	t. 226. D.
Crantor	-	Fab. Sp. Inf.	N° 51.	- - -	- - -	t. 104. A.
Alecto. L.	- - -	- - -	52.	- - -	- - -	t. 137. D.
Gnoma.	- - -	- - -	53.	- - -	- - -	t. 152. A.
Menephron.	- - -	- - -	- - -	- - -	- - -	t. 285. A.
Hespera.	- - -	- - -	54.	- - -	- - -	- - -
Faro.	- - -	- - -	- - -	- - -	- - -	t. 285. C.
Butus.	- - -	Mantiss.	62.	- - -	- - -	- - -
Vampyrus.	- - -	- - -	66.	- - -	- - -	- - -
Ocypete ?	-	Lin. S. Nat.	N° 4.	Mus. Lud. Utr.	344.	- - -
Megæra.	- - -	- - -	21.	Clerck. Ic.	- - -	t. 47. f. 2.
Tisiphone.	- - -	- - -	23.	Mus. Lud. Utr.	359.	- - -
Brennus.	- - -	- - -	- - -	Cram. Inf.	- - -	t. 398. B.

SESIA.	Ixion. L.	-	Fab. Sp. Inf.	N° 2.	- - -	t. 68. F.
	Ootomaculata.	- - -	- - -	8.	- - -	- - -
	Hippotes.	- - -	- - -	- - -	- - -	t. 286. A.
	Hæmorrhoidalis.	- - -	- - -	13.	- - -	t. 52. C. D. ?
	Fenestrata.	- - -	- - -	15.	- - -	t. 251. D.

ZYGÆNA.	Grus.	- - -	- - -	- - -	- - -	t. 368. A.
	Diptera.	- - -	- - -	44.	- - -	- - -
	Aurata.	- - -	- - -	- - -	- - -	t. 264. A.
	Creufa.	-	Lin. S. Nat.	N° 39.	Clerck. Ic.	t. 46. f. 3. ?
	Cyffeus.	- - -	- - -	- - -	Cram. Inf.	t. 355. B.
	Atereus.	- - -	- - -	- - -	- - -	t. 400. A.
	Bombyliiformis.	- - -	- - -	- - -	- - -	t. 400. C.

BOMBYX.	Paphia. L.	-	Fab. Sp. Inf.	N° 4.	- - -	t. 147. A. B.
	Laocoon.	- - -	- - -	- - -	- - -	t. 117. A. B. C.
	Mylitta.	- - -	- - -	7.	- - -	t. 146. A.
	Fabia.	- - -	- - -	- - -	- - -	t. 250. B.

Luna.

# FAUNULA INDICA.

131

Luna. L.	- -	<i>Fab. Sp. Inf.</i>	15.	<i>Cram. Inf.</i>	- - -	<i>t.</i>	31.	A. B.
Fenestra. L.	- - - -	- - -	18.	<i>Clerck. Ic.</i>	- - -	<i>t.</i>	55. f. 1.	
Polybia.	- - - - -	- - -	-	<i>Cram. Inf.</i>	- - -	<i>t.</i>	369.	A.
Penelope.	- - - - -	- - -	19.	- - -	- - -	<i>t.</i>	45.	A.
Jana.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	396.	A.
Perispicua. L.	- - - - -	- - -	21.	<i>Mus. Lud. Ulr.</i>	373.	-	-	-
Conspicillator.	- - - - -	- - -	-	<i>Cram. Inf.</i>	- - -	<i>t.</i>	97.	A. B.
Militaris. L.	- - - - -	- - -	22.	- - -	- - -	<i>t.</i>	29.	B.
Numana.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	227.	A. 228. A.
Eugenia.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	398.	M.
Promula.	- - - - -	- - -	34.	- - -	- - -	<i>t.</i>	72.	D.
Aconyta.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	131.	A.
Quadricincta.	- -	<i>Mantiff.</i>	44.	- - -	- - -	<i>t.</i>	368.	B.
Barbara.	- - - - -	- - -	-	- - -	- - -	-	-	-
Lufca.	- - - - -	- - -	49.	- - -	- - -	<i>t.</i>	368.	C.
Niceta.	- - - - -	- - -	-	- - -	- - -	-	-	-
Hibisci.	- - - -	<i>Sp. Inf.</i>	45.	- - -	- - -	<i>t.</i>	368.	D.
Glauc.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	9. f. 1.	
Imperialis.	- - - - -	- - -	62.	<i>Drur. Inf.</i>	- - -	<i>t.</i>	369.	C.
Lunata.	- - - - -	- - -	-	<i>Cram. Inf.</i>	- - -	<i>t.</i>	369.	C.
Crafficornis.	- - - - -	- - -	63.	- - -	- - -	<i>t.</i>	369.	D.
Silvandra.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	367.	H.
Pasinuntia.	- - - - -	- - -	-	- - -	- - -	-	-	-
Nuda.	- - -	<i>Mantiff.</i>	105.	- - -	- - -	<i>t.</i>	369.	E.
Evergifta.	- - - - -	- - -	-	- - -	- - -	<i>t.</i>	154.	B.
Hyphinoe.	- - - - -	- - -	-	- - -	- - -	-	-	-
Flava.	- - - -	<i>Sp. Inf.</i>	82.	- - -	- - -	<i>t.</i>	397.	D.
Petosiris.	- - - - -	- - -	-	- - -	- - -	-	-	-
Rutila.	- - - -	<i>Mantiff.</i>	131.	- - -	- - -	-	-	-
Chrysothorhea.	-	<i>Spec. Inf.</i>	102.	<i>Roes. Inf.</i>	- - -	<i>ph.</i>	2. t. 22.	
Nitidula.	- - -	<i>Mantiff.</i>	153.	- - -	- - -	<i>t.</i>	267.	D.
Cyane.	- -	<i>Sp. App. p.</i>	506.	<i>Cram. Inf.</i>	- - -	<i>t.</i>	5. C. D.	
Crotalariae.	- -	<i>Sp. Inf.</i>	126.	- - -	- - -	<i>t.</i>	183.	D.
Ricini.	- - - - -	- - -	127.	- - -	- - -	-	-	-
Lectrix.	- - - - -	- - -	132.	- - -	- - -	-	-	-
Sanguinolenta.	- - -	- - -	128.	- - -	- - -	-	-	-

Lepida.	- - - - -	Cram. Inf.	- - -	t. 130. E.
Francisca.	- - - - -	Mantiff.	200.	
Monycha.	- - - - -			t. 131. C.
Jesuita.	- - - - -	Sp. Inf.	145.	
Lactinia.	- - - - -			t. 133. D.
Gloriosæ.	- - - - -		150.	
Brotea.	- - - - -			t. 322. E.
Crini.	- - - - -		151.	
Punctigera.	-	Lin. S. Nat.	151. Clerck. Ic.	- - - t. 50. f. 3.

NOCTUA.	Strix. L.	- -	Fab. Sp. Inf.	3.	Cram. Inf.	- - -	t. 145. A.
	Ulula.	- -		9.		- - -	t. 174. E.
	Materna. L.	- -		16.		- - -	t. 174. A. B.
	Itynx.	- -	-	Mantiff.	10.		
	Mineus.	- -	-			- - -	t. 131. D.
	Crepuscularis. L.	-	Fab. Sp. Inf.	11.		- - -	t. 159. A.
	Irrorata.	-	Fab. Sp. App.	p. 506.			
	Lyncea.	- - -		506.			
	Sinuata.	- - -		507.			
	Squalida.	-	Fab. Mant.	N° 13.			
	Vespertilio.	- - -		16.			
	Retorta.	- - -				- - -	t. 116. D.
	Illibata.	- - -	Sp. Inf.	13.			
	Obscura.	- - -				- - -	t. 274. B.
	Umminia.	-	Sp. App.	p. 506.		- - -	t. 267. F.
	Inara.	- - -				- - -	t. 239. E.
	Scrobiculata.	-	Sp. Inf.	N° 14.			
	Carenea.	- - -				- - -	t. 269. E. F.
	Dioscoreæ.	- - -		15.		- - -	t. 30. A.—C.
	Materna.	- - -		16.		- - -	t. 174. A. B.
	Hypermnestra.	- - -				- - -	t. 323. A. B.
	Cephise.	- - -				- - -	t. 227. B.
	Paphos.	- - -	Mantiff.	24.			
	Chione.	- - -	Sp. Inf.	26.			
	Saga.	- - -	Mantiff.	29.			

Bajularia.

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133

Bajularia.	- - -	Sp. Inf.	23.	Cram. Inf.	- - -	t. 172. C.
Astrea.	- - -		21.			
Convoluta.	- - -		30.	- - -		t. 208. D.
Memblaria.	- - -			- - -		t. 269. C. D.
Ficus.	- - -		33.			
Lusca.	- - -	Mantiff.	49.			
Manlia.	- - -		36.	- - -		t. 92. A.
Caricæ.	- - -		34.	- - -		t. 133. E. 242. A. B.
Leonina.	- - -		38.			
Fulvia. L.	- - -		43.	Clerck. Ic.	- - -	t. 55. f. 6.
Avida.	- - -	Fab. Mantiff.	68.			
Triangulum.	- - -		74.			
Arcuata.	- - -		75.			
Vulpina.	- - -	Sp. Inf.	50.			
Tigrina.	- - -		52.			
Mezentina.	- - -			Cram. Inf.	- - -	t. 323. F.
Cyllaria.	- - -			- - -		t. 251. C. D.
Geometrica.	- - -		53.			
Stolida.	- - -		54.			
Undata.	- - -		60.			
Ammonia.	- - -			- - -		t. 250. D.
Vittata.	- - -	N° 61.				
Hyppasia.	- - -			- - -		t. 250. E.
Frugalis.	- - -		62.			
Flava.	- - -		63.			
Stigmatizans.	- - -		64.			
Alpheia.	- - -			- - -		t. 250. F.
Equestris.	- - -		65.			
Javana.	- - -			- - -		t. 274. C.
Dorsalis.	- - -	Mantiff.	103.			
Luminosa.	- - -			- - -		t. 274. D.
Rejecta.	- - -	Sp. Inf.	66.			
Achatina.	- - -			- - -		t. 273. E. 288. A.
Elata.	- - -		67.			
Archesia.	- - -			- - -		t. 273. F. G. Mercatoria.

## FAUNULA INDICA.

Mercatoria.	- - - - -	79.	<i>Cram. Inf.</i>	- - -	t. 62. C. D.
Timais.	- - - - -	-	- - -	- - -	t. 275. B.
Rapta.	- - -	<i>Mantiff.</i>	120.	-	-
Orosia.	- - - - -	-	- - -	- - -	t. 275. D.
Partita.	- - - - -	<i>Sp. Inf.</i>	80.	-	-
Melanthus.	- - - - -	-	- - -	- - -	t. 286. B.
Pagana.	- - - - -	-	90.	-	-
Joviana.	- - - - -	-	- - -	- - -	t. 399. B.
Orichalcea.	- - - - -	-	92.	-	-
Clytia.	- - - - -	-	- - -	- - -	t. 399. G.
Signata.	- - - - -	-	96.	-	-
Dominica.	- - - - -	-	- - -	- - -	t. 399. H.
Peponis.	- - - - -	-	97.	-	-
Nitidula.	- - -	<i>Mantiff.</i>	153.	-	-
Sinuata.	- - -	<i>Sp. Inf.</i>	116.	-	-
Amphix.	- - - - -	-	- - -	- - -	t. 134. C.
Histrionica.	- - - - -	-	117.	-	-
Perithea.	- - - - -	-	- - -	- - -	t. 172. D.
Pellex.	-	<i>Lin. S. Nat.</i>	N° 104.	<i>Muf. Lud. Ulr.</i>	388.
Interrupta.	- - - - -	-	116.	<i>Cram. Inf.</i>	- - - t. 185.

PHALÆNA.	Strigaria.	-	<i>Fab. Sp. Inf.</i>	N° 12.	- - - - -	t. 133. C.
	Undaria.	- - - - -	-	20.	-	-
	Monilaria.	- - - - -	-	23.	-	-
	Rondelaria.	- - - - -	-	24.	-	-
	Macularia.	- - - - -	-	27.	- - - - -	t. 129. C.
	Ocularia.	- - - - -	-	38.	-	-
	Perdica.	- - - - -	-	-	- - - - -	t. 178. F.
	Hesperia.	- - - - -	-	-	- - - - -	t. 251. B.
	Flavaria.	-	<i>Fab. Mant.</i>	N° 32.	-	-
	Margaritaria.	- - - - -	-	-	- - - - -	t. 367. K.
	Tripunctaria.	L.	-	<i>Sp. Inf.</i>	47.	- - - - - t. 22. E.
	Caudata.	- - - - -	-	64.	- - - - -	t. 104. D.
	Lateraria.	- - -	<i>Mantiff.</i>	77.	-	-
	Lactucina.	- - - - -	-	-	- - - - -	t. 273. B. C.
						Venaria.

Venaria.	-	-	-	<i>Sp. Inf.</i> 52.	<i>Cram. Inf.</i>	-	-	-	-	t. 29. A.
Zemire.	-	-	-	-	-	-	-	-	-	t. 367. I.
Obliquaria.	-	-	-	<i>Mantiff.</i> 81.	-	-	-	-	-	
Rosalia.	-	-	-	-	-	-	-	-	-	t. 368. F.
Ernestina.	-	-	-	-	-	-	-	-	-	t. 369. F.
Sangarida.	-	-	-	-	-	-	-	-	-	t. 381. D.
Caudata.	-	-	-	<i>Sp. Inf.</i> 64.	-	-	-	-	-	t. 104. D.
Fasciata.	-	-	-	-	-	-	-	-	-	65.
Vulpenaria.	-	-	-	-	-	-	-	-	-	t. 400. O. P.
Arcuata.	-	-	-	<i>Mantiff.</i> 104.	-	-	-	-	-	
Pamphilia.	-	-	-	-	-	-	-	-	-	t. 368. G.
Liturata.	-	-	-	-	-	-	-	-	-	109.
Coleta.	-	-	-	-	-	-	-	-	-	t. 368. H.
Irrorata.	-	-	-	<i>Sp. Inf.</i> 77.	-	-	-	-	-	
Carinenta.	-	-	-	-	-	-	-	-	-	78.
Eusebia.	-	-	-	-	-	-	-	-	-	t. 128. F.
Flaveolata.	-	-	-	-	-	-	-	-	-	t. 369. G. H.
Fimbriata.	-	-	-	-	-	-	-	-	-	t. 88. C.
Janata. L.	-	-	-	-	-	-	-	-	-	t. 398. O.
Expectata.	-	-	-	-	-	-	-	-	-	121. <i>Mus. Lud. Ulr.</i> 398.
Cribrata.	-	-	-	-	-	-	-	-	-	123.
Marginata.	-	-	-	-	-	-	-	-	-	133. <i>Cram. Inf.</i> t. 208. C. G.
Æstuata. L.	-	-	-	-	-	-	-	-	-	t. 400. I.
Capitata.	-	-	-	-	-	-	-	-	-	149. <i>Mus. Lud. Ulr.</i> 397.
Sulphurata.	-	-	-	-	-	-	-	-	-	148.
Flavata.	-	-	-	-	-	-	-	-	-	152.
Violata.	-	-	-	<i>Mantiff.</i> 238.	-	-	-	-	-	t. 307. C.
Securata.	-	-	-	-	-	-	-	-	-	242.
Canenta.	-	-	-	-	-	-	-	-	-	t. 250. C.
Perspectata.	-	-	-	<i>Sp. Inf.</i> 163.	-	-	-	-	-	
Vitrata.	-	-	-	<i>Mantiff.</i> 255.	-	-	-	-	-	
Revidata.	-	-	-	-	-	-	-	-	-	258.
Derogata.	-	-	-	<i>Sp. Inf.</i> 166.	-	-	-	-	-	
Ejectata.	-	-	-	-	-	-	-	-	-	167.
Sagittalis.	-	-	-	<i>Fab. Sp. Inf.</i> 179.	-	-	-	-	-	
Amendo.	-	-	-	-	<i>Cram. Inf.</i>	-	-	-	-	t. 247. E.

Fuscalis.

## FAUNULA INDICA.

Fuscalis.	-	<i>Fab. Sp. Inf.</i>	182.	
Pueritia.	-	-	-	<i>Cram. Inf.</i> - - - t. 264. E.
Angustalis.	-	<i>Mantiff.</i>	309.	
Procopia.	-	-	-	- - - - - t. 368. E.
Recurvalis.	-	<i>Sp. Inf.</i>	192.	
Dentalis.	-	-	-	198.

PYRALIS. Koenigiana. - - - - - 65.

TINEA. Cryptella. - - - - - 25.

## ORDO VII. RYNGOTA.

FULGORA.	Diadema.	L.	<i>Fab. Sp. Inf.</i>	N° 3.	<i>Seb. Mus.</i>	-	-	4. t. 77. f. 7. 8.
	Truncata.	L.	-	-	-	11.	<i>Amæn. Ac.</i>	- - 6. p. 399. 40.
	Hyalinata.	-	-	-	-	12.		
	Festiva.	-	-	-	-	13.		

MEMBRACIS.	Spinosa.	-	-	-	-	5.	<i>Sulz. Inf.</i>	- - - t. 9. f. 6.
	Taurus.	-	-	-	-	10.		

TETTIGONIA.	Fornicata.	-	-	<i>Gmel. Lin.</i>	11.	<i>Mus. Lud. Ulr.</i>	156.	
	Fasciata.	-	-	<i>Fab. Mantiff.</i>	2.	<i>Stoll. Cicad.</i>	-	1. t. 4. f. 17.
	Spinosa.	-	-	-	-	6.		
	Vaginata.	-	-	-	-	7.		
	Conspurcata.	-	-	<i>Sp. Inf.</i>	13.			
	Repanda.	L.	-	-	-	16.	<i>De Geer, Inf.</i>	- 3. t. 33. f. 1.
	Testacea.	-	-	<i>Mantiff.</i>	23.	<i>Stoll. Cicad.</i>	-	1. t. 8. f. 41. C.

CICADA.



CICADA.	Perspicillata.	<i>Fab. Sp. Inf.</i>	N° 1.						
	Ocellata.	- - - - -	2.	<i>De Geer, Inf.</i>	-	3.	t.	33.	f. 2.
	Cunicularia.	L. - - - - -	11.						
	Lanata.	L. - - - - -	12.	<i>Drur. Inf.</i>	-	2.	t.	37.	f. 11.
	Tomentosa.	- - - - -	13.						
	Barbata.	- - - - -	14.						
	Hyalina.	- - - - -	31.						
	Lyncea.	- - - - -	37.						

NOTONECTA.	Nivea.	- - - - -	3.						
	Indica.	- -	<i>Mantiff. p.</i>	534.					

NEPA.	Annulata.	- - - - -	<i>Spec. Inf.</i>	2.					
	Rufica.	- - - - -	3.						
	Fusca.	- - - - -	<i>Mantiff.</i>	4.	<i>Stoll. Cimic.</i>	-	2.	t.	1. f. 1.
	Rubra.	L. - - - - -	6.	- - - - -	-	2.	t.	7.	V.
	Maculata.	- -	<i>Sp. Inf.</i>	N° 6.					
	Linearis.	L. - - - - -	7.	<i>Schæf. Icon.</i>	-	t.	5.	f.	5. 6.

CIMEX.	Nobilis.	L. - - - - -	2.	<i>Stoll. Cimic.</i>	-	1	t.	1.	f. 1.
	Clavipes.	- -	<i>Fab. Mantiff.</i>	5.					
	Maculatus.	- - - - -	11.						
	Ruficus.	- - - - -	26.						
	Lunatus.	- - - - -	<i>Sp. Inf.</i>	9.	- - - - -	2.	t.	13.	f. 84.
	Vahlh.	- - - - -	32.						
	Histrion.	- - - - -	<i>Gmel. Lin.</i>	12.					
	Grandis.	- - - - -	171.	<i>Thunb. N. Sp. Inf.</i>	2.	N° 31.	f.	46.	
	Taurus.	- - - - -	<i>Sp. Inf.</i>	34.					
	Dentatus.	- - - - -	43.						
	Spinidens.	- - - - -	<i>Mantiff.</i>	61.					
	Hamatus.	- - - - -	80.						
	Scaber.	- - - - -	<i>Gmel. Lin.</i>	30.	<i>Amæn. Ac.</i>	-	6.	p.	400. 43.
	Pugnator.	-	<i>Fab. Mantiff.</i>	84.					

T

Thoracicus.

Thoracicus.	-	Gmel. Lin.	262.	Stoll. Cimic.	-	-	t. 8. f. 55. A.
Haftatus.	-	Fab. Mantiff.	88.				
Analís.	-	Gmel. Lin.	263.	-	-	-	t. 10. f. 72. B.
Tenebrosus.	-	Fab. Mantiff.	93.				
Sulcatus.	-	Gmel. Lin.	271.	-	-	-	t. 6. f. 47.
Fulvicornis.	-	Fab. Mantiff.	94.				
Pustulatus.	-	Gmel. Lin.	281.	De Geer, Inf.	-	3. t. 34. f. 2.	
Femoratus.	-	Fab. Sp. Inf.	77.				
Aurantius.	-	Mantiff.	116.	Stoll. Cim.	-	-	1. t. 6. f. 39.
Punctum.	-	-	117.	-	-	-	2. t. 6. f. 40.
Nigripes.	-	Sp. Inf.	92.	Drur. Inf.	-	-	2. t. 36. f. 5.
Torquatus.	-	-	93.				
Guttatus.	-	Mantiff.	121.				
Viridulus. L.	-	Sp. Inf.	95.	Mus. Lud. Ulr.			172.
Peregrinator.	-	Gmel. Lin.	40.	-	-	-	173.
Beryllus.	-	Mantiff.	127.				
Javanicus.	-	Gmel. Lin.	332.	Stoll. Cim.	-	-	t. 11. f. 2.
6-punctatus. L.	-	Fab. Sp. Inf.	105.	Mus. Lud. Ulr.			175.
Brunneus.	-	Gmel. Lin.	334.				
Rubrofasciatus.	-	Fab. Mantiff.	140.				
Ruficornis.	-	Sp. Inf.	114.				
Gramineus.	-	Mantiff.	161.				
Histrío.	-	-	167.				
Pictus.	-	Sp. Inf.	117.				
Faber.	-	Mantiff.	181.				
Cruciatus.	-	Sp. Inf.	122.				
Indus. L.	-	-	140.	Mus. Lud. Ulr.			176.
Civilis.	-	Mantiff.	186.				
Familiaris.	-	-	190.				
Varicornis.	-	-	194.				
Malabaricus.	-	Fab. Sp. Inf. N°	147.				
Koenigii.	-	-	156.	Stoll. Cimic.	-	-	2. t. 1. f. 5.
Mendicus.	-	-	158.				
Cruentus.	-	Mantiff.	214.				
Augur.	-	Sp. Inf.	167.				

Maetans.	- - -	<i>Sp. Inf.</i>	168.		
Erythrozonias.	-	<i>Gmel. Lin.</i>	456.	<i>De Geer, Inf.</i>	- 3. t. 35. f. 12.
Sordidus.	-	<i>Fab. Mantiff.</i>	231.		
Calens. L.	- - -	<i>Sp. Inf.</i>	213.	<i>Gronov. Zooph.</i>	712.
Gronovii. L.	- - -	-	214.	-	- 711.
Cingulatus.	- -	<i>Mantiff.</i>	287.		
Pedestris.	- - -	<i>Sp. Inf.</i>	224.		
Fossarum.	- - -	-	226.		
Filum.	- - -	-	232.	<i>De Geer, Inf.</i>	- 3. t. 35. f. 16.

REDUVIUS.	Gigas.	- - -	-	1.
	Marginatus.	- - -	-	7.
	Sanctus.	- - -	<i>Mantiff.</i>	12.
	Pilicornis.	- - -	-	19.
	Collaris.	- - -	<i>Sp. Inf.</i>	15.
	Sexguttatus.	- - -	-	17.
	4-guttatus.	- - -	-	18.
	Aurantius.	- - -	-	-
	Punctum.	- - -	-	19.
	Bipunctatus.	<i>Fab. Mantiff.</i>	Nº	30.
	Fuscipes.	- - -	-	33.
	5-spinosus.	- - -	<i>Sp. Inf.</i>	27.

ORDO VIII. ANTLIATA.

BIBIO.	Lar.	- - -	-	10.
	Sphinx.	- - -	<i>Mantiff.</i>	20.
	Troglodyta.	- -	<i>Sp. Inf.</i>	20.
SYRPHUS.	Crassus.	- - -	<i>Mantiff.</i>	7.
	4-lineatus.	- - -	-	24.

MUSCA.	Jejuna.	- - - - -	2.		
ASILUS.	Maculatus.	- - -	<i>Sp. Inf.</i>	21.	
MYOPA.	Cincta.	- - - - -	4.		
BOMBYLIUS.	Maculatus.	- - - - -	7.		
PEDICULUS.	Humanus. L.	- - - - -	1. <i>Schæf. Elem.</i>	- -	t. 95.
	Pubis. L.	- - - - -	2. <i>Red. Exper.</i>	- -	t. 19. f. 1.
	Vulturis.	- - - - -	4.		
ACARUS.	Elephantinus. L.	<i>Fab. Sp. Inf.</i>	N° 1. <i>Schrank. Beytr.</i>	-	t. 6. f. 14. 15.
	Indus. L.	- - - - -	12.		

# CLASS VI. VERMES.

## I. INTESTINA.

N. B. From our ignorance of the productions of *India* in this Class, we are obliged to omit many Genera.

GORDIUS. **M**Edinenfis. - - - - *Sloane Jam.* ii. 190. *tab.* 233. *fig.* 1.

SIPUNCULUS. Saccatus. - - - - - *Amæn. Acad.* iv. 454. *tab.* 3.

## II. MOLLUSCA.

DORIS. Verrucosa. - - - - - *Seb. Mus.* ii. *tab.* 61. *fig.* 5.

NEREIS. Noctiluca. - - - - - *Amæn. Acad.* iii. 203. *tab.* 3.  
Gigantea. - - - - - *Seb. Mus.* i. *tab.* 81. *fig.* 7.

ACTINIA. Swalloo. - - - An edible Species collected in the *Molucca Isles*.

HOLUTHURIA. Priapus. - - - - - *Amæn. Acad.* iv. 255.

SEPIA. Octopodia. *Br. Zool.* iv. N<sup>o</sup> 44. *tab.* 28. Of a monstrous size in *India*.

MEDUSA. Porpita. - - - - - *Amæn. Acad.* iv. 255. *tab.* 3. *fig.* 7. 8.

\* ENTIRE.

## FAUNULA INDICA.

## \* E N T I R E.

ASTERIAS. Luna.  - - - - - *Amen. Acad. iv. 256. tab. 3. fig. 14.*

\* \* S T E L L A T E D.

Reticulata.	-	-	-	-	Linck. tab. 41. fig. 72. tab. 23. fig. 36.
Nodosa.	-	-	-	-	Seb. Mus. iii. tab. 5. fig. 7. 8.
Lævigata.	-	-	-	-	Grew. Mus. tab. 8. fig. 1. 2.

\* \* \* R A D I A T E D.

Ciliaris. - - - - - *Linck. tab. 40. fig. 70. tab. 37. & 56.*  
Pectinata. - - - - - *Linck. tab. 37. fig. 64. 66.*  
Multiradiata. - - - - - *Linck. tab. 21. fig. 33.*  
Caput Medusæ. *Seb. Mus. iii. tab. 9. & tab. 11. Rumph. Mus. 41. tab. 16.*

[illegible]

III. TESTACEA:

DIV. I. MULTIVALVIA.

CHITON.	Aculeatus.	- - - - -	<i>Rumph. Mus. tab. 10. fig. 4.</i>
	Squammofus.	- - - - -	<i>M. L. U. 465 *.</i>
	Punctatus.	- - - - -	<i>Seb. Mus. iii. tab. 1. fig. 13.</i>

LEPAS.	Diadema.	- - - - -	<i>Rumph. Mus. tab. 14. fig. H.</i>
	Anatifera.	- - - - -	<i>Argenville, tab. 26. fig. F. G.</i>
	Testudinaria.	- - - - -	<i>Rumph. Mus. tab. 40. fig. K.</i>

PHOLAS. Dactylus, BORN. 14. I must not omit my acknowledgements to the magnificent work on Shells by the *Chevalier Ignatius a Born*, for very considerable additions to this Catalogue. RUMPHIUS, justly styled the PLINY, must have the preference in every authority, as the great collector of most of the articles referred to.

DIV. II. BIVALVIA.

MYA.	Vulfella.	- - - - -	<i>Rumph. Mus. tab. 90. fig. H.</i>
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SOLEN.

SOLENA.	Vagina.	- - - - -	<i>Rumph. Mus. tab. 45. fig. M.</i>
	Cultellus.	- - - - -	<i>Ibid. fig. F.</i>
	Radiatus.	- - - - -	<i>Ibid. fig. E.</i>
	Anatinus.	- - - - -	<i>Ibid. fig. O.</i>
	Bullatus.	- - - - -	<i>Ibid. tab. 44. fig. N.</i>
	Virens.	- - - - -	

## \* OVATÆ.

TELLINA.	Gargadia.	- - - - -	<i>Rumph. Mus. tab. 43. fig. N.</i>
	Lingua Felis.	- - - - -	<i>tab. 45. fig. G.</i>
	Virgata.	- - - - -	<i>tab. 45. fig. H.</i>
	Angulata.	- - - - -	<i>List. Conch. tab. 394. fig. 241.</i>
	Gari.	- - - - -	<i>tab. 45. fig. D.</i>
	Foliacea.	- - - - -	<i>tab. 45. fig. K.</i>
	Lævigata.	- - - - -	<i>tab. 45. fig. I.</i>
	Rostrata.	- - - - -	<i>Argenville, tab. 22. fig. O.</i>
	Truncata.	- - - - -	

## \*\* SUBORBICULATÆ.

Remies.	- - - - -	<i>Rumph. Mus. tab. 43. fig. 1.</i>
Reticulata.	- - - - -	<i>fig. E.</i>
Scobinata.	- - - - -	<i>Gualt. tab. 76. fig. E.</i>

CARDIUM.	Cardiffa.	- - - - -	<i>Rumph. Mus. tab. 42. fig. E.</i>
	Retufum.	- - - - -	<i>Born. 41. tab. 111. fig. 1. 2.</i>
	Hemicardium.	- - - - -	<i>tab. 44. fig. H.</i>
	Medium.	- - - - -	<i>M. L. U. 485. N° 34.</i>
	Tuberculatum.	- - - - -	<i>Rumph. Mus. tab. 48. fig. 11.</i>
	Fragum.	- - - - -	<i>tab. 44. fig. G.</i>
	Unedo.	- - - - -	<i>tab. 44. fig. F.</i>
	Ifocardia.	- - - - -	<i>tab. 48. fig. 9.</i>
			<i>Æolicum.</i>



# FAUNULA INDICA.

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	Æolicum.	-	-	-	-	-	-	-	-	-	-	Bonan. ii. fig. 91.
	Ruſticum.	-	-	-	-	-	-	-	-	-	-	Rumph. Muſ. tab. 44. fig. K.
MACTRA.	Plicataria.											
	Sprengleri.	-	-	-	-	-	-	-	-	-	-	Gualt. tab. 85. fig. F.
	Trunculus.	-	-	-	-	-	-	-	-	-	-	Bonan. lv. tab. 4. fig. 3. 4.
	Scortum.	-	-	-	-	-	-	-	-	-	-	Argenville, tab. 21. fig. L.
DONAX.	Pubefcens.	-	-	-	-	-	-	-	-	-	-	M. L. U. 493. N° 49 *.
	Trunculus.	-	-	-	-	-	-	-	-	-	-	BORN. lv. tab. iv. fig. 3. 4.
	Scortum.	-	-	-	-	-	-	-	-	-	-	liii. tab. iv. fig. i.
VENUS.	Gallina.	-	-	-	-	-	-	-	-	-	-	Bonan. ii. tab. 64. 65.
	Flexuoſa.	-	-	-	-	-	-	-	-	-	-	Rumph. Muſ. tab. 43. fig. O.
	Chione.	-	-	-	-	-	-	-	-	-	-	tab. 42. fig. 9.
	Meretrix.	-	-	-	-	-	-	-	-	-	-	Argenv. tab. 21. fig. F.
	Læta.	-	-	-	-	-	-	-	-	-	-	Gualt. tab. 28. fig. V.
	Caſtrenſis.	-	-	-	-	-	-	-	-	-	-	Rumph. Muſ. tab. 42. fig. K.
	Fimbriata.	-	-	-	-	-	-	-	-	-	-	tab. 43. fig. F.
	Squammofa.	-	-	-	-	-	-	-	-	-	-	tab. 44. fig. M.

## \*\*\* IMPUBERES ORBICULATÆ.

Tigerina.	-	-	-	-	-	-	-	-	-	-	-	tab. 43. fig. H.
Proſtrata.	-	-	-	-	-	-	-	-	-	-	-	M. L. U. 504. N° 66 *.
Incuſtata.	-	-	-	-	-	-	-	-	-	-	-	Liſt. Conch. tab. 310. fig. 146.
Tigerina Secunda.	-	-	-	-	-	-	-	-	-	-	-	Rumph. Muſ. tab. 43. fig. H.
Pectinata.	-	-	-	-	-	-	-	-	-	-	-	tab. 42. fig. D.
Scripta.	-	-	-	-	-	-	-	-	-	-	-	tab. 43. fig. C.
Edentula.	-	-	-	-	-	-	-	-	-	-	-	M. L. U. 508. N° 74 *.
Punctata.	-	-	-	-	-	-	-	-	-	-	-	Rumph. Muſ. tab. 43. fig. G.

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\*\*\* IMPUBERES

## \*\*\*\* IMPUBERES OVALES, SUPRA RIMAM SUBANGULATÆ.

Litterata.	- - - - -	<i>Rumph. Mus. tab. 43. fig. B.</i>
Rotundata.	- - - - -	<i>M. L. U. 509. N° 76 *.</i>
Decussata.	- - - - -	<i>M. L. U. 509. N° 77.</i>
Virginea.		

SPONDYLUS.	Regius.	- - - - -	<i>Rumph. Mus. 156. N° 8.</i>
	Plicatus.	- - - - -	<i>tab. 47. Ostrea Electrica.</i>
	Gæderopus.	- - - - -	<i>tab. 47. fig. E. 48. fig. 1. 2.</i>

CHAMA.	Gigas.	- - - - -	<i>tab. 43. fig. A. B.</i>
	Hippopus.	- - - - -	<i>tab. 42. fig. C.</i>
	Lazarus.	- - - - -	<i>BORN. 83. tab. 5. fig. 12. 13. 14.</i>
	Arcinella.	- - - - -	<i>BORN. Davila, tab. 27. fig. T.</i>
	Gryphoides.	- - - - -	<i>Bonan. ii. fig. 22.</i>

## \* MARGINE INTEGERRIMO, NARIBUS RECURVATIS.

ARCA.	Noæ.	- - - - -	<i>tab. 44. fig. P.</i>
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## \*\* MARGINE CRENATO.

Antiquata.	- - - - -	<i>tab. 44. fig. I.</i>
Decussata.	- - - - -	<i>Bonan. ii. fig. 60.</i>
Pallens.	- - - - -	<i>M. L. U. 520. N° 95.</i>
Tortuosa.	- - - - -	<i>Rumph. Mus. tab. 47. fig. K.</i>
Rhombea.	- - - - -	<i>List. Conch. tab. 244. fig. 75.</i>
Pectuncululus.	- - - - -	<i>tab. 239. fig. 73.</i>

## \* PECTINES

\* PECTINES AURICULATI, ÆQUILATERES.

OSTREA.	Striatula.	- - - - -	M. L. U. 523. N° 101.
	Minuta.	- - - - -	524. N° 102.
	Pleuronectes.	- - - - -	Rumph. Mus. tab. 45. fig. A. B.
	Radula.	- - - - -	tab. 44. fig. A.
	Plica.	- - - - -	tab. 44. fig. O.

\*\* PECTINES AURICULA ALTERA INTUS CILIATO-SPINOSA.

	Pallium.	- - - - -	tab. 44. fig. B. C.
	Nodosa.	- - - - -	tab. 48. fig. B.
	Lima.	- - - - -	tab. 44. fig. D.
	Cucullata.	- - - - -	Born. 114. tab. vi. fig. 11. 12.

\*\*\* RUDES, OSTREÆ DICTÆ.

	Malleus.	- - - - -	Rumph. Mus. tab. 47. fig. H.
	Edulis.?	- - - - -	Bonan. 108. tab. 70.
	Perna.	- - - - -	
	Ifogonum.	- - - - -	Gualt. tab. 97. fig. A.
	Ephippium.	- - - - -	Rumph. Mus. tab. 47. fig. B.

ANOMIA.	Placenta.	-	Lister Conch. tab. 104. fig. B. Seb. Mus. iii. tab. 90. fig. 8. 9.
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\*\* PARASITICI, UNGUIBUS AFFIXI.

MYTILUS.	Crista Galli.	- - - - -	tab. 47. fig. D.
	Frons.	- - - - -	Argenville, tab. 19. fig. D.

## FAUNULA INDICA.

## \*\* PLANI COMPRESSI.

Margariteferus. - - - - - *Rumph. Mus. tab. 40. fig. F.*

## \*\*\* VENTRICOSIUSCULI.

Lithophagus. - - - - - *tab. 46. fig. F.*  
 Bilocularis. - - - - - *M. L. U. 540. N° 133.*  
 Edulis. - - - - - *Lift. Ang. 182. fig. 28.*  
 Pictus. - - - - - *Born. 127. tab. vii. fig. 6. 7.*  
 Modiolus. - - - - - *Rumph. Mus. tab. 46. fig. B.*

PINNA. Rudis. - - - - - *tab. 46. fig. L.*  
 Pectinata. - - - - - *Gualt. tab. 79. fig. A.*  
 Saccata. - - - - - *Rumph. Mus. tab. 46. fig. N.*  
 Digitiformis. - - - - - *M. L. U. 546. N° 146.*  
 Lobata. - - - - - *547. N° 147.*  
 Incurvata. - - - - - *Born. Rumph. Mus. tab. 46. fig. M.*  
 Muricata. - - - - - *Rumph. Mus. tab. 46. fig. M.*

## DIV. III. TURBINATA.

ARGONAUTA. Argo. - - - - - *Rumph. Mus. tab. 18. fig. A. B.*  
 NAUTILUS.

NAUTILUS.	Pompilius.	- - - - -	<i>Rumph. Mus. tab. 17. fig. A. C. D.</i>
	Spirula.	- - - - -	<i>tab. 20. fig. 1.</i>

CONUS.	Marmoreus.	- - - - -	<i>tab. 32. fig. N. I.</i>
	Imperialis.	- - - - -	<i>tab. 34. fig. H. I.</i>
	Literatus.	- - - - -	<i>tab. 31. fig. D.</i>
	Generalis.	- - - - -	<i>tab. 33. fig. V.</i>
	Virgo.	- - - - -	<i>tab. 31. fig. 1. K.</i>
	Capitaneus.	- - - - -	<i>tab. 33. fig. K.</i>
	Miles.	- - - - -	<i>tab. 33. fig. W.</i>

\*\* SPIRA PYRAMIDATA.

	Summus Admiralis.	- - - - -	<i>tab. 34. fig. B. C. D.</i>
	Ebæus.	- - - - -	<i>tab. 32. fig. B. B.</i>
	Glaucus.	- - - - -	<i>tab. 33. fig. G. G.</i>
	Monachus.	- - - - -	<i>tab. 33. fig. C. C.</i>
	Minimus.	- - - - -	<i>Argenville, tab. 12. fig. A.</i>
	Betulinus.	- - - - -	<i>Rumph. Mus. tab. 31. fig. C.</i>
	Stercus Muscarum.	- - - - -	<i>tab. 33. fig. 3. A. A.</i>
	Nuffatella.	- - - - -	<i>tab. 33. fig. E. E.</i>
	Textile.	- - - - -	<i>tab. 32. fig. O. P.</i>
	Aulieus.	- - - - -	<i>tab. 33. fig. 3.</i>
	Striatus.	- - - - -	<i>tab. 31. fig. F.</i>
	Magus.	- - - - -	<i>tab. 32. fig. 2.</i>
	Tragulinus.	- - - - -	<i>tab. 31. fig. V.</i>
	Ermineus.	- - - - -	<i>Seb. Mus. iii. tab. 42. fig. 31. 34. 35. 40.</i>
	Varius.	- - - - -	<i>Argenville, tab. 12. fig. R.</i>
	Spectrum.	- - - - -	<i>Rumph. Mus. tab. 32. fig. 1.</i>
	Tulipa.	- - - - -	<i>tab. 34. fig. K. L.</i>
	Geographus.	- - - - -	<i>tab. 31. fig. G.</i>

CYPRÆA.	Mappa.	- - - - -	<i>tab. 38. fig. B.</i>
			<i>Arabica.</i>

## FAUNULA INDICA.

Arabica.	- - - - -	<i>Rumph. Mus. tab. 38. fig. M.</i>
Carneola.	- - - - -	<i>tab. 38. fig. K.</i>
Testudinaria.	- - - - -	<i>tab. 38. fig. C.</i>
Talpa.	- - - - -	<i>tab. 38. fig. I.</i>
Caput Serpentis.	- - - - -	<i>tab. 38. fig. F.</i>
Mauritiana.	- - - - -	<i>tab. 38. fig. E.</i>
Vitellus.	- - - - -	<i>tab. 38. fig. L.</i>
Tigris.	- - - - -	<i>tab. 38. fig. A.</i>
Lynx.	- - - - -	<i>Lister Conch. tab. 683. fig. 30.</i>
Ifabella.	- - - - -	<i>Rumph. Mus. tab. 39. fig. G.</i>
Onyx.	- - - - -	<i>tab. 38. fig. B.</i>
Hirundo.	<i>Lister Conch. tab. 674. fig. 20.</i>	<i>Born. 184. tab. viii. fig. 11.</i>
Afellus.	- - - - -	<i>Rumph. Mus. tab. 39. fig. M.</i>
Cribraria.	- - - - -	<i>Lister Conch. tab. 695. fig. 42.</i>
Moneta.	- - - - -	<i>Rumph. Mus. tab. 39. fig. C.</i>
Annulus.	- - - - -	<i>tab. 39. fig. D.</i>
Caurica.	- - - - -	<i>tab. 38. fig. P.</i>
Dracæna.	- - - - -	<i>tab. 39. fig. E.</i>
Erofa.	- - - - -	<i>tab. 39. fig. A.</i>
Helvola.	- - - - -	<i>tab. 16. fig. 17.</i>
Ocellata.	- - - - -	<i>Lister Conch. tab. 696. fig. 43.</i>
Pediculus.	- - - - -	<i>Rumph. Mus. tab. 39. fig. P.</i>
Nucleus.	- - - - -	<i>tab. 39. fig. I.</i>
Staphylæa.	- - - - -	<i>Born. 194. tab. viii. fig. 18.</i>
Cicercula.	- - - - -	<i>Rumph. Mus. tab. 39. fig. K.</i>
Globulus.	- - - - -	<i>tab. 39. fig. N.</i>

BULLA.	Ovum.	- - - - -	<i>tab. 38. fig. Q.</i>
	Birostris.	- - - - -	<i>Lister Conch. tab. 711. fig. 66.</i>
	Verrucosa.	- - - - -	<i>Rumph. Mus. tab. 38. fig. H.</i>
	Naucum.	- - - - -	<i>tab. 27. fig. H.</i>
	Ampulla.	- - - - -	<i>tab. 27. fig. G.</i>
	Physis.	- - - - -	<i>Lister Conch. tab. 715. fig. 75.</i>
	Amplustre.	- - - - -	<i>Born. tab. ix. fig. 1.</i>
	Ficus.	- - - - -	<i>Rumph. Mus. tab. 27. fig. K.</i>
			Rapa.

# FAUNULA INDICA.

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Rapa.	- - - - -	Rumph. Mus. tab. 27. fig. E.
Terebellum.	- - - - -	tab. 36. fig. S.
Virginea.	- - - - -	Lister Conch. tab. 12. fig. 7. tab. 15. fig. 10.
Achatina.	- - - - -	Born. tab. x. fig. 1. 2.

## VOLUTA.

Auris Midæ.	- - - - -	Rumph. Mus. tab. 33. fig. H. H.
Oliva.	- - - - -	tab. 39. fig. 3.
Et Plurimæ Variet.	- - - - -	Vide Born. 214. 215.
Gibbosa. ?	- - - - -	Lister Conch. tab. 723. fig. 10.
Hispidula.	- - - - -	Born. γ. List. Conch. tab. 722. fig. 9.
Bullata.	- - - - -	tab. 83. fig. 11.
Dactylus.	- - - - -	tab. 812. fig. 23.
Scabricula.	- - - - -	Gualt. tab. 53. fig. D.
Sanguifuga.	- - - - -	Rumph. Mus. tab. 29. fig. V.
Caffra.	- - - - -	Gualt. tab. 53. fig. E.
Vulpecula.	- - - - -	Rumph. Mus. tab. 29. fig. R.
Plicaria.	- - - - -	Gualt. tab. 54. fig. F.
Episcopalis.	- - - - -	Rumph. Mus. tab. 29. fig. K.
Mitra Papalis.	- - - - -	tab. 29. fig. I.
Capitellum.	- - - - -	Gualt. tab. 37. fig. A.
Muricata.	- - - - -	Martin Konch. iii. tab. 99.
Ceramica.	- - - - -	Rumph. Mus. tab. 24. fig. A. tab. 49. fig. L.
Pyrum.	- - - - -	tab. 36. fig. 7.
Æthiopica.	- - - - -	tab. 31. fig. B. A.
Olla.	- - - - -	Gualter. tab. 29. fig. A.

## \* AMPULLACEÆ.

## BUCCINUM.

Galea.	- - - - -	Rondel. Test. p. 106.
Perdix.	- - - - -	Rumph. Mus. tab. 27. fig. C.
Pomum.	- - - - -	tab. 27. fig. B.
Sulcofum.	- - - - -	Seb. Mus. iii. tab. 68. fig. 14. 15.
Dolium.	- - - - -	Rumph. Mus. tab. 27. fig. A.

## \*\* CASSIDEA.

## FAUNULA INDICA.

## \*\* CASSIDEA.

Echinophorum.	-	-	-	-	-	-	-	-	-	<i>Rumph. Mus. tab. 27. fig. 1.</i>
Cornutum.	-	-	-	-	-	-	-	-	-	<i>tab. 23. fig. 1.</i>
Rufum.	-	-	-	-	-	-	-	-	-	<i>tab. 23. fig. B.</i>
Tuberosum.	-	-	-	-	-	-	-	-	-	<i>Seb. Mus. iii. tab. 73. fig. 10. 11.</i>
Flammeum.	-	-	-	-	-	-	-	-	-	<i>Rumph. Mus. tab. 23. fig. 2.</i>
Pullus.	-	-	-	-	-	-	-	-	-	<i>tab. 23. fig. C.</i>
Areola.	-	-	-	-	-	-	-	-	-	<i>tab. 25. fig. B. &amp; 1.</i>
Granulatum.	-	-	-	-	-	-	-	-	-	<i>tab. 25. fig. C.</i>

## \*\*\* CASSIDEA LABRO MURICATO.

Erinaceus.	-	-	-	-	-	-	-	-	-	<i>tab. 25. fig. D. 6. 7.</i>
Glaucum.	-	-	-	-	-	-	-	-	-	<i>tab. 25. fig. A.</i>
Vibex.	-	-	-	-	-	-	-	-	-	<i>tab. 25. fig. E.</i>
Papillosum.	-	-	-	-	-	-	-	-	-	<i>tab. 29. fig. M.</i>
Glans.	-	-	-	-	-	-	-	-	-	<i>tab. 29. fig. P.</i>

## \*\*\*\* CALLOSA AD COLUM. REFLEXAM.

Arcularia.	-	-	-	-	-	-	-	-	-	<i>tab. 27. fig. M.</i>
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## \*\*\*\*\* COLUM. QUASI ABROSA, PLANA.

Harpa.	-	-	-	-	-	-	-	-	-	<i>tab. 32. fig. K. L.</i>
Perficum.	-	-	-	-	-	-	-	-	-	<i>tab. 27. fig. E.</i>
Smaragdulus.	-	-	-	-	-	-	-	-	-	<i>Argenville, tab. 6. fig. P.</i>

## \*\*\*\*\* GLABRA.



# FAUNULA INDICA.

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## \*\*\*\*\* GLABRA.

Spiratum. - - - - - *Rumph. Mus. tab. 49. fig. C. D.*  
 Glabratum. - - - - - *Argenville. tab. 9. fig. G.*

## \*\*\*\*\* ANGULATA.

Undosum. - - - - - *Rumph. Mus. tab. 29. fig. O.*  
 Bezoar. - - - - - *Argenville, tab. 15. fig. G.*

## \*\*\*\*\* TURRITA, LÆVIA, SUBULATA.

Maculatum. - - - - - *Rumph. Mus. tab. 30. fig. A.*  
 Subulatum. - - - - - *tab. 30. fig. B.*  
 Crenulatum. - - - - - *tab. 30. fig. E.*  
 Strigilatum. - - - - - *tab. 30. fig. H.*  
 Duplicatum. - - - - - *Bonan. iii. fig. 110.*  
 Lanceatum. - - - - - *Rumph. Mus. tab. 30. fig. O.*  
 Dimidiatum. - - - - - *tab. 30. fig. C.*

## \* DIGITATI.

STROMBUS. Chiragra. - - - - - *tab. 35. fig. A. B.*  
 Scorpis. - - - - - *tab. 36. fig. K.*  
 Lambis. - - - - - *tab. 35. fig. E. F. H.*  
 Millepeda. - - - - - *tab. 36. fig. I.*

## \*\* LABRO LOBATO.

Lentiginosus. - - - - - *tab. 37. fig. Q.*  
 Gallus. - - - - - *tab. 37. fig. 5.*  
 X  
 Auris

[illegible]

# FAUNULA INDICA.

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Pyrum.	- - - - -	<i>Rumph. Mus. tab. 26. fig. E.</i>
Rubecula.	- - - - -	<i>Gualt. tab. 49. fig. I.</i>
Anus.	- - - - -	<i>Rumph. Mus. tab. 24. fig. F.</i>

## \*\*\*\*\* ECHINATI SINE ROSTRO.

Hippocaftanum.	- - - - -	<i>tab. 24. fig. 4.</i>
Mancinella.	- - - - -	<i>tab. 24. fig. 5.</i>
Ricinus.	- - - - -	<i>tab. 24. fig. E.</i>
Senticofus.	- - - - -	<i>tab. 29. fig. N.</i>
Melongena.	- - - - -	<i>tab. 24. fig. E.</i>
Rapiformis.	- - - - -	<i>Lister Conch. tab. 894. fig. 14.</i>
Lacerus.	- - - - -	<i>Idem. tab. 958. fig. 11.</i>

## \*\*\*\*\* INERMES ROSTRO ELONGATO.

Babylonius	- - - - -	<i>Rumph. Mus. tab. 29. fig. L.</i>
Javanus.	- - - - -	<i>Bonan. iii. fig. 79.</i>
Colus.	- - - - -	<i>Rumph. Mus. tab. 29. fig. F.</i>
Morio.	- - - - -	<i>Bonan. iii. fig. 357.</i>
Cochlidium.	- - - - -	<i>Argenville, tab. 9. fig. A.</i>
Spirillus.	- - - - -	<i>Martin Conch. tab. 115. fig. 1069.</i>
Aruanus.	- - - - -	<i>Rumph. Mus. tab. 28. fig. A.</i>
Tritonis.	- - - - -	<i>tab. 28. fig. B.</i>

## \*\*\*\*\* TURRITI SUBULATI ROSTRO BREVI.

Vertagus.	- - - - -	<i>tab. 30. fig. K.</i>
Sulcatus.	- - - - -	<i>Bonan. iii. fig. 68.</i>
Aluco.	- - - - -	<i>Rumph. Mus. tab. 30. fig. O.</i>
Coronatus.	- - - - -	<i>tab. 30. fig. N.</i>
Radula.	- - - - -	<i>Bonan. iii. fig. 327.</i>

X 2

\* UMBILICATI.

## FAUNULA INDICA.

## \* UMBILICATI.

TROCHUS.	Niloticus.	- - - - -	<i>Rumph. Mus. tab. 21. fig. A.</i>
	Maculatus.	- - - - -	<i>tab. 21. fig. c. Bonan. iii. fig. 27. 28.</i>
	Perspectivus.	- - - - -	<i>tab. 27. fig. L.</i>
	Solaris.	- - - - -	<i>tab. 20. fig. K.</i>

## \*\* IMPERFORATI.

Vestiaris.	- - - - -	<i>Lister Conch. tab. 650.-51. fig. 46. 48.</i>
Labio.	- - - - -	<i>Rumph. Mus. tab. 21. fig. E.</i>

## \*\*\* TURRITI.

Telescopium.	- - - - -	<i>tab. 21. fig. 12.</i>
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## \* SOLIDI, IMPERFORATI.

TURBO.	Cochlus.	- - - - -	<i>tab. 19. fig. 4.</i>
	Petholatus.	- - - - -	<i>tab. 19. fig. D. 5. 6. 7.</i>
	Chrysoftomus.	- - - - -	<i>tab. 19. fig. E.</i>
	Pagodus.	- - - - -	<i>tab. 21. fig. D.</i>
	Calcar.	- - - - -	<i>tab. 20. fig. I.</i>
	Rugosus.	- - - - -	<i>Bonan. iii. fig. 12.</i>
	Marmoratus.	- - - - -	<i>Rumph. Mus. tab. 19. fig. A. B.</i>

## \*\* PERFORATI, SOLIDI.

Pica.	- - - - -	<i>tab. 21. fig. A.</i>
Argyroftomus.	- - - - -	<i>tab. 19. fig. 3.</i>
Margaritaceus?	- - - - -	<i>Bonan. iii. fig. 11.</i>
		Delphinus.

Delphinus.	- - - - -	<i>Bonan.</i> iii. fig. 31.
Distortus.	- - - - -	<i>Rumph. Mus.</i> tab. 20. fig. H.
Scalaris.	Wentel-trap. - - - - -	tab. 49. fig. A.

\* TESTA ANCIPITI.

HELIX.	Scarabeus.	- - - - -	tab. 27. fig. I.
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\*\* ANFRACTIBUS CARINATIS.

Ringens.	- - - - -	<i>Bonan.</i> iii. fig. 330. 331.
Carocolla.	- - - - -	<i>Argenville,</i> tab. 8. fig. D.

\*\*\* UMBILICATÆ ANFRACTIBUS ROTUNDIS.

Cornea.	- - - - -	<i>Br. Zool.</i> iv. tab. 83. fig. 126.
Ampullacea.	- - - - -	<i>Rumph. Mus.</i> tab. 27. fig. Q.
Cretacea.	- - - - -	<i>Born.</i> tab. xvi. fig. 1. 2.
Ungulina.	- - - - -	<i>Rumph. Mus.</i> tab. 27. fig. R.
Janthina.	- - - - -	tab. 20. fig. 2.

\*\*\*\* OVATÆ IMPERFORATÆ.

Amarula.	- - - - -	tab. 33. fig. F. F.
Haliotoidea.	- - - - -	tab. 90. fig. R.

\* UMBILICATÆ.

NERITA.	Canrena.	-	<i>Bonan.</i> iii. fig. 228. 224. et <i>Argenville,</i> tab. 7. fig. C.
	Glaucina.	- - - - -	<i>Brit. Zool.</i> iv. tab. 87. fig. 141.
	Rufa.	- - - - -	<i>Rumph. Mus.</i> tab. 22. fig. D.
			Vitellus.

## FAUNULA INDICA.

Vitellus.	-	-	-	-	-	-	-	-	-	<i>Rumph. Mus. tab. 22. fig. A.</i>
Albumen.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. B.</i>
Mamilla.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. F.</i>

## \*\* IMPERFORATÆ, EDENTATÆ.

Cornea.	-	-	-	-	-	-	-	-	-	<i>Argenville, tab. 7. fig. M.</i>
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## \*\*\* IMPERFORATÆ, DENTATÆ.

Pulligera.	-	-	-	-	-	-	-	-	-	<i>Lister Conch. tab. 143. fig. 37.</i>
Pennata.	-	-	-	-	-	-	-	-	-	<i>tab. 604. fig. 29.</i>
Polita. α.	-	-	-	-	-	-	-	-	-	<i>tab. 600. fig. 7.</i>
β.	-	-	-	-	-	-	-	-	-	<i>Bonan. iii. fig. 221.</i>
γ.	-	-	-	-	-	-	-	-	-	<i>Rumph. Mus. tab. 22. fig. I.</i>
Peloronta.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. K.</i>
Albicilla.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. 8.</i>
Groffa.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. N.</i>
Chamæleon.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. L.</i>
Undata.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. 4.</i>
Exuvia.	-	-	-	-	-	-	-	-	-	<i>tab. 22. fig. 9.</i>

<b>HALIOTIS.</b>	Midæ.	-	-	-	-	-	-	-	-	<i>Argenville, tab. 3. fig. A.</i>
	Striata.	-	-	-	-	-	-	-	-	<i>Martin Conch. i. tab. 14. fig. 138.</i>
	Marmorata.	-	-	-	-	-	-	-	-	<i>Argenville, tab. 3. fig. B.</i>
	Afinina.	-	-	-	-	-	-	-	-	<i>Rumph. Mus. tab. 40. fig. E. F.</i>

## \* LABIATÆ.

<b>PATELLA.</b>	Equestris.	-	-	-	-	-	-	-	-	<i>tab. 40. fig. P. O.</i>
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## \*\* ANGULATÆ.

\*\* ANGULATÆ.

Saccharina. - - - - - *Rumph. Mus. tab. 40. fig. B.*

\*\*\* MUCRONATÆ.

Lutea. - - - - - *Born. 424. tab. 17. fig. 8.*

\*\*\*\* INTEGERRIMÆ VERTICE OBTUSO.

Testudinaria. - - - - - *Argenville, tab. 2. fig. P.*  
 Radiata. - - - - - *Born. tab. 18. fig. 10.*  
 Comprensa. - - - - - *Lister Conch. tab. 541. fig. 25.*  
 Fusca. - - - - - *Bonan. i. fig. 4.*

DENTALIUM. Elephantinum. - - - - - *Rumph. Mus. tab. 41. fig. I.*  
 Dentalis. - - - - - *tab. 41. fig. C.*  
 Entalis. - - - - - *Bonan. i. fig. 9.*  
 Politum. - - - - - *Gualt. tab. 10. fig. F.*  
 Aprinum. - - - - - LINNÆI.  
 Eburneum. - - - - - LINNÆI.

SERPULA. Lumbricalis. - - - - - *Rumph. Mus. tab. 41. fig. 1.*  
 Polythalamia. - - - - - *tab. 41. fig. D. E.*  
 Arenaria. - - - - - *tab. 41. fig. L.*  
 Anguina. - - - - - *tab. 41. fig. 2.*  
 Muricata. - - - - - *tab. 41. fig. H.*  
 Penis. - - - - - *tab. 41. fig. 7.*

TEREDO. Navalis. - - - - - *Planc. Conch. 17. N° 2.*  
 § SABELLA.

SABELLA. Scrupofa. - - - - - LINNÆI.

## IV. LITHOPHYTA.

TUBIPORA. Mufica. - - - - - Ellis Zooph. pag. 144.

MADREPORA. Fungites. - - - - - pag. 149.  
 Pileus. - - - - - Rumph. Amb. vi. t. 88. f. 2. 3.  
 Labyrinthiformis. - - - - - Ellis Zooph. pag. 160. N° 34.  
 Favofa. - - - - - pag. 167. N° 61.  
 Polygama. - - - - - Amæn. Acad. iv. tab. 3. fig. 15.  
 Fascicularis. - - - - - Ellis Zooph. pag. 151. N° 5.  
 Porites. - - - - - pag. 172. N° 77.  
 Damicornis. - - - - - Rumph. Amb. vi. tab. 86. fig. 3.  
 Muricata. - - - - - Ellis Zooph. pag. 171. N° 76.  
 Oculata. - - - - - Seb. Muf. iii. tab. 116. fig. 1. 2.  
 Infundibuliformis. - - - - - Gualt. Test. tab. 42.  
 Fastigiata. - - - - - Ellis Zooph. pag. 152. N° 8.  
 Afcillaris. - - - - - pag. 153. N° 11.  
 Anthophyllites. - - - - - pag. 151. N° 4.  
 Criftata. - - - - - pag. 158. N° 27.  
 Afpera. - - - - - pag. 156. N° 21.  
 Cinerascens. - - - - - pag. 157. N° 26.  
 Dædalea. - - - - - pag. 163. N° 43.  
 Scabrofa. - - - - - pag. 156. N° 22.

MILLEPORA. Allicornis. - - - - - Sloan. Jam. i. tab. 17. fig. 1.  
 Fascialis. - - - - - Ellis Cor. tab. 30. fig. A. a. b.  
 Cellulofa. - - - - - tab. 25. fig. D. d.  
 Polymorpha. - - - - - tab. 27. fig. C.

## V. ZOOPHYTA.



## V. ZOOPLANKTON.

ISIDS.	Hippuris.	-	-	-	-	-	-	-	-	<i>Ellis Zooph.</i> pag. 105. N° 2.
	Ochracea.	-	-	-	-	-	-	-	-	pag. 105. N° 1.
GORGONIA.	Abies.	-	-	-	-	-	-	-	-	pag. 103. N° 6.
	β.	-	-	-	-	-	-	-	-	pag. 99. N° 1.
	Ænea.	-	-	-	-	-	-	-	-	<i>Rumph. Amb.</i> vi. tab. 80. fig. 2.
	Antipathes.	-	-	-	-	-	-	-	-	tab. 77.
	Pectinata.	-	-	-	-	-	-	-	-	<i>Ellis Zooph.</i> pag. 85. N° 9.
SPONGIA.	Flabelliformis.	-	-	-	-	-	-	-	-	<i>Rumph. Amb.</i> vi. tab. 80. fig. 1.
	Fistularis.	-	-	-	-	-	-	-	-	<i>Sloan. Jam.</i> i. tab. 24. fig. 1.
	Aculeata.	-	-	-	-	-	-	-	-	<i>Rumph. Amb.</i> vi. tab. 90. fig. 2.
	Tubulosa.	-	-	-	-	-	-	-	-	<i>Seb. Mus.</i> iii. tab. 97. fig. 2.
	Tomentosa.	-	-	-	-	-	-	-	-	<i>Ellis Zooph.</i> pag. 187. N° 7.
SERTULARIA.	Pennaria.	-	-	-	-	-	-	-	-	<i>Lin. Syst.</i> pag. 1313. N° 26.
	Pennatula.	-	-	-	-	-	-	-	-	<i>Ellis Zooph.</i> pag. 56. N° 31.
VORTICELLA.	Conglomerata.	-	-	-	-	-	-	-	-	<i>Amæn. Acad.</i> iv. tab. 3. fig. 1.

F I N I S.

Y



# INDIAN ZOOLOGY.

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*N. B.* The birds represented in plates 3, 6, and 8, are, by an oversight in the letter press, said to be figured of the natural size: the real measures are as follow, viz.

Pl. 3. The bird measures about 7 inches.

Pl. 6. The length of the bird is about 9 inches.

Pl. 8. The bird is rather more than 9 inches long.

Page 40. *For* BICALCARATUS *read* BICALCARATA.—

The length of this species is about 13 inches.















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